

FIG. 1

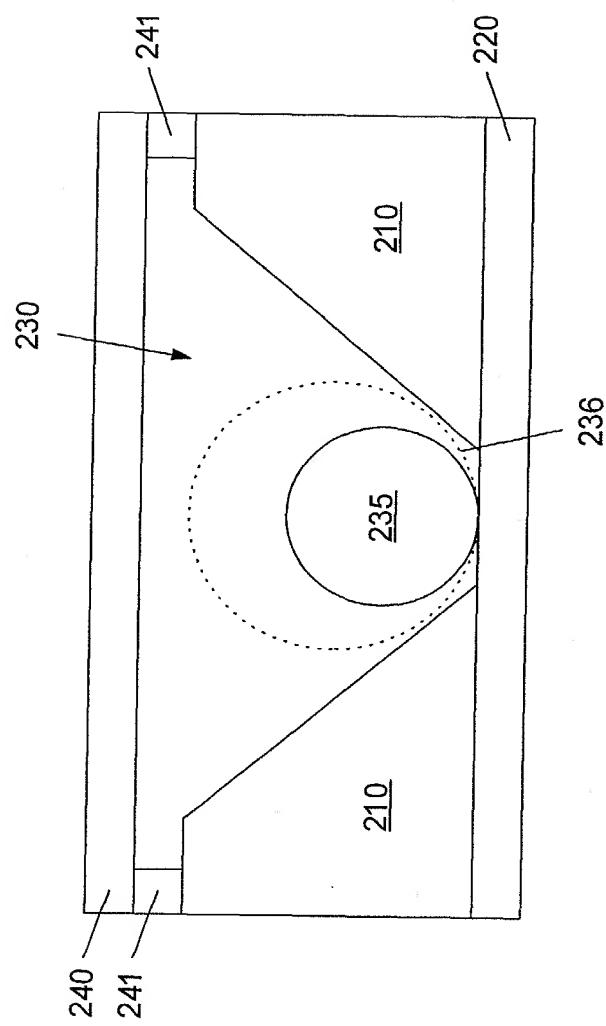
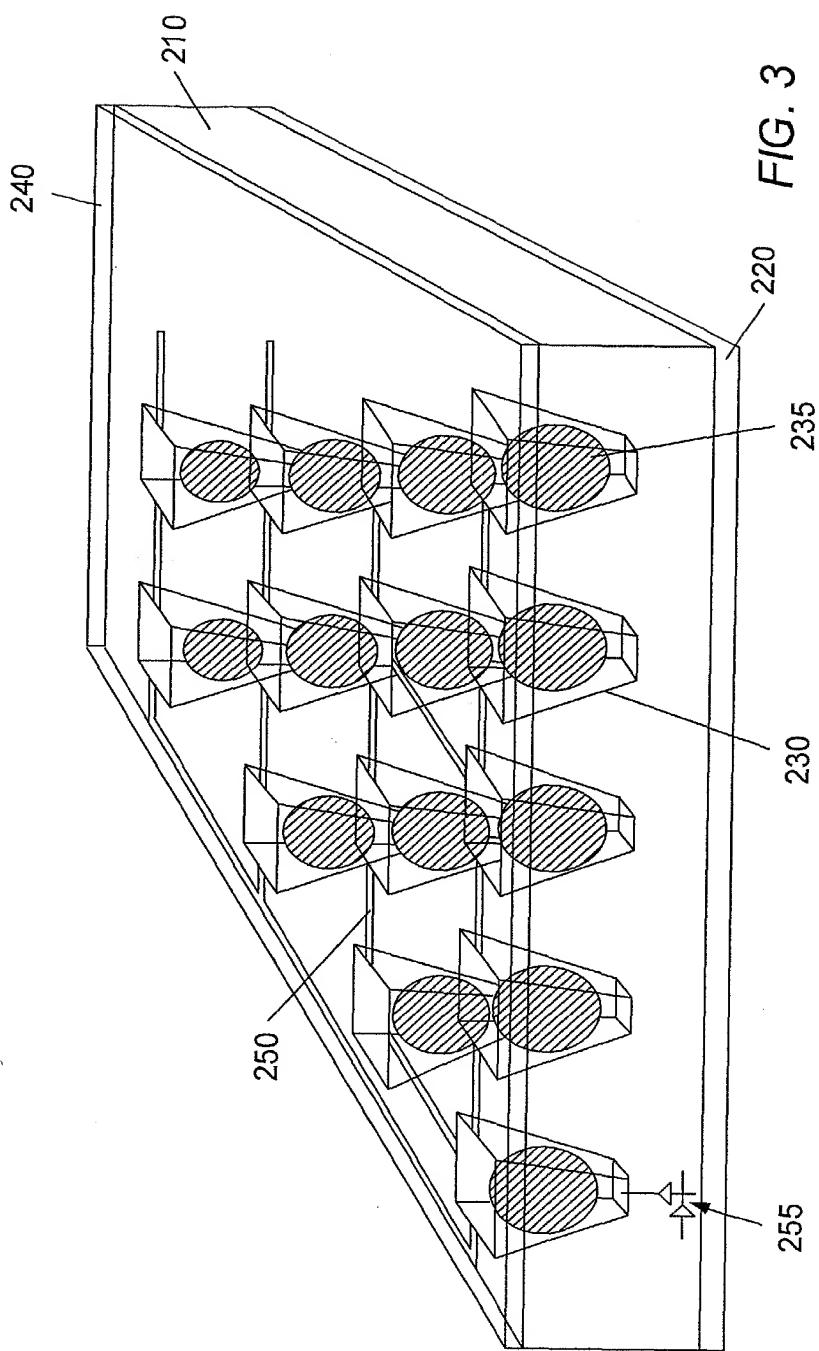


FIG. 2

FIG. 3



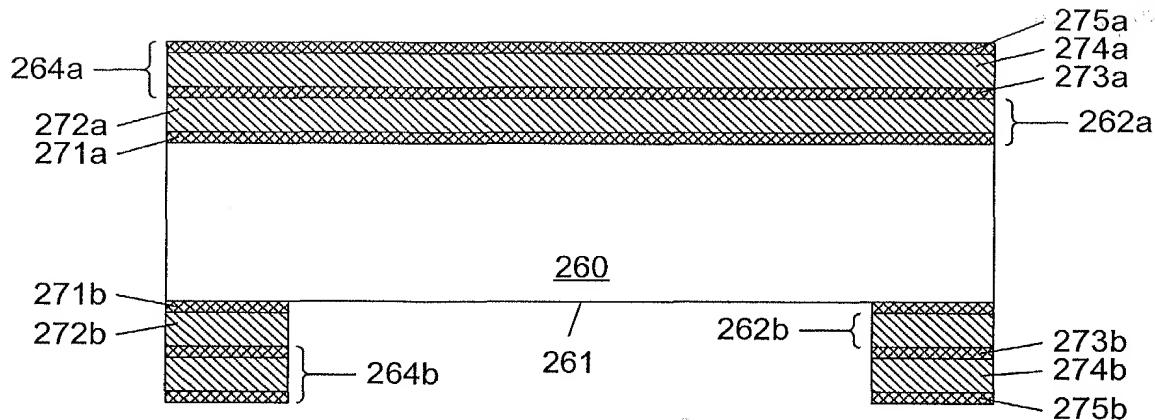


FIG. 4A

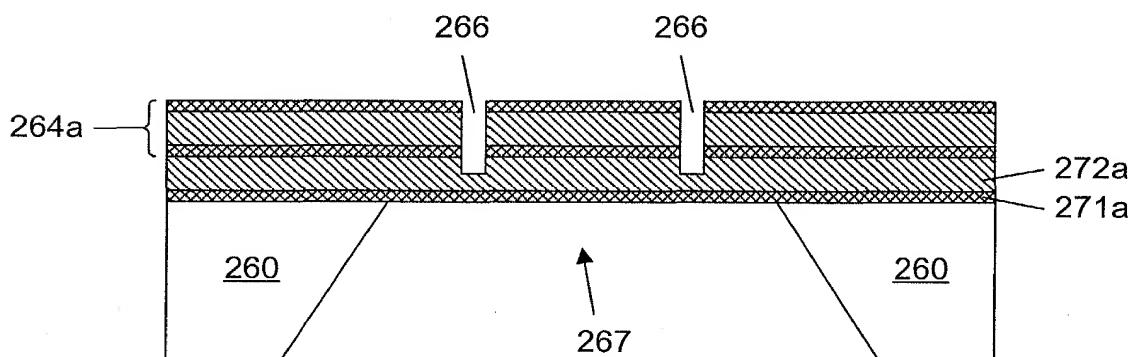


FIG. 4B

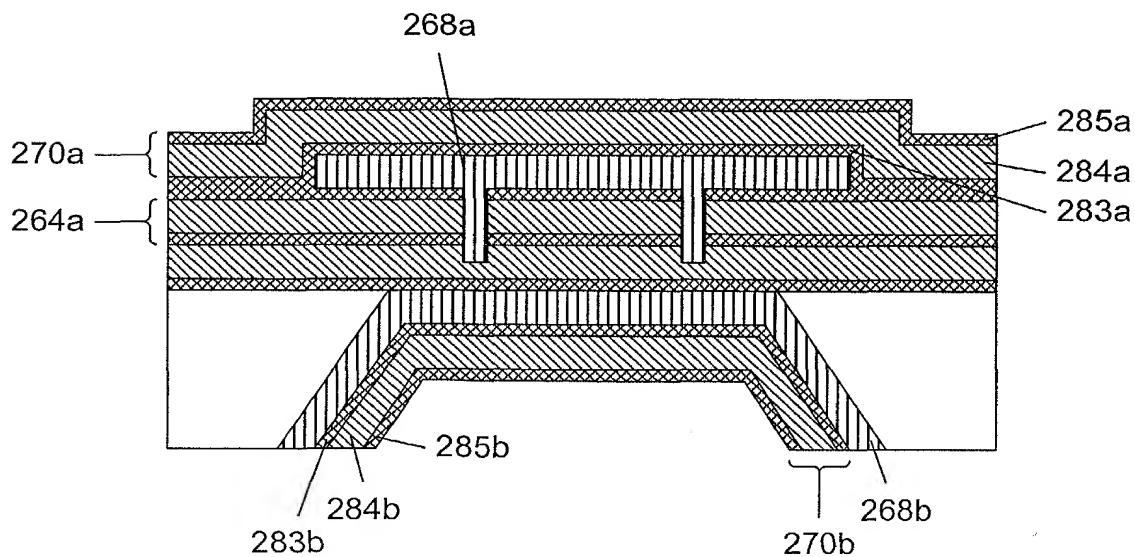


FIG. 4C

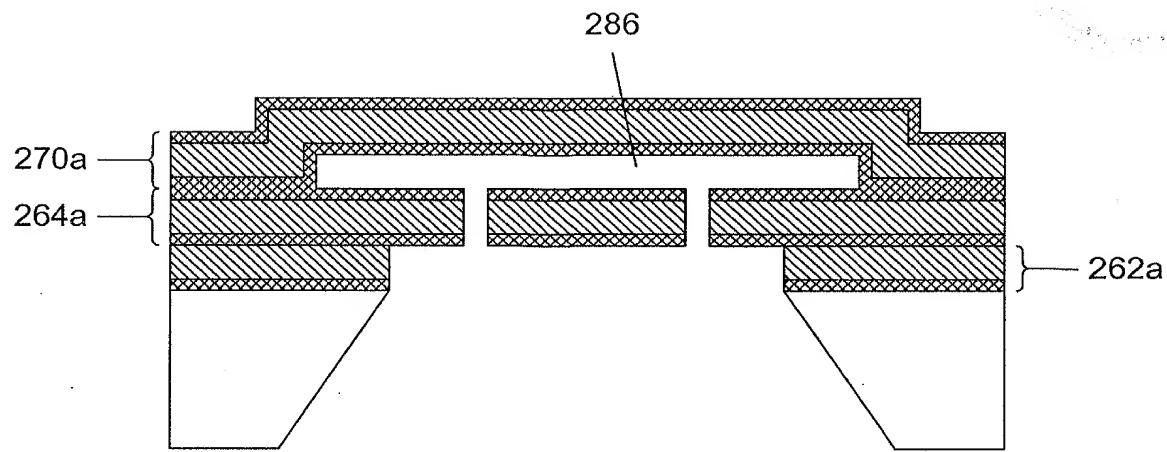


FIG. 4D

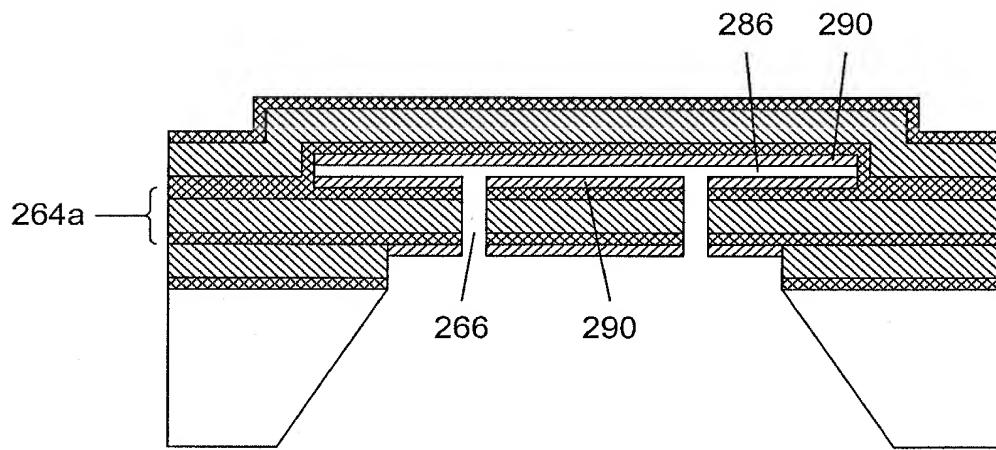


FIG. 4E

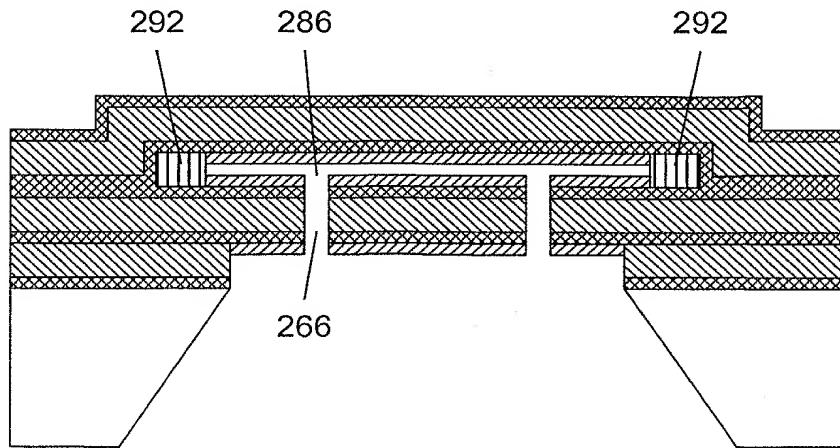


FIG. 4F

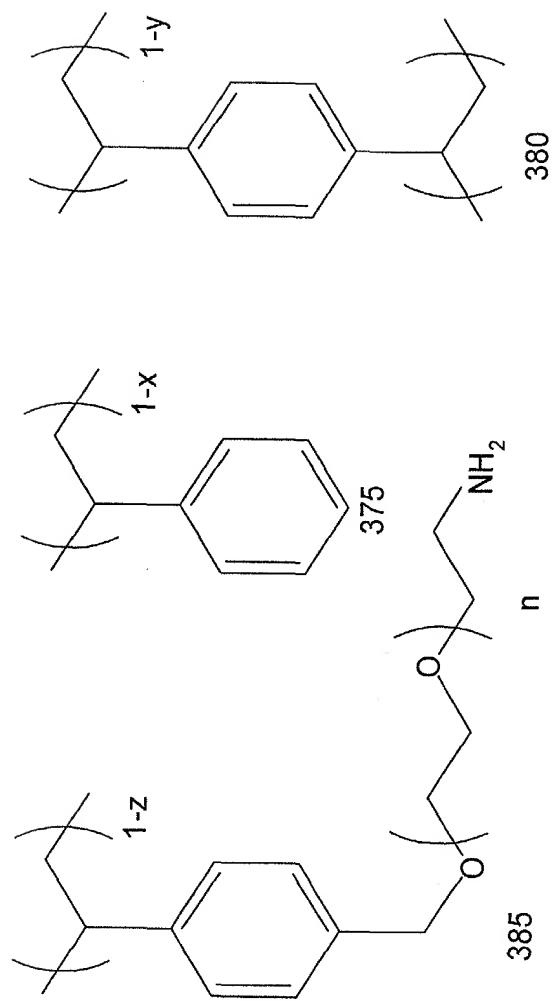
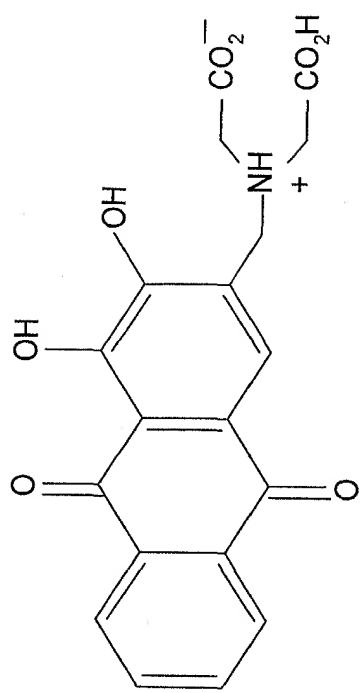
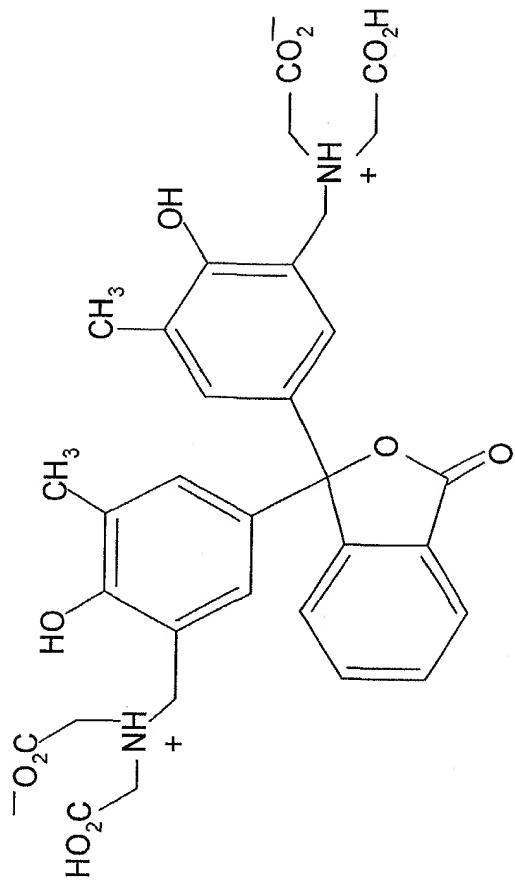


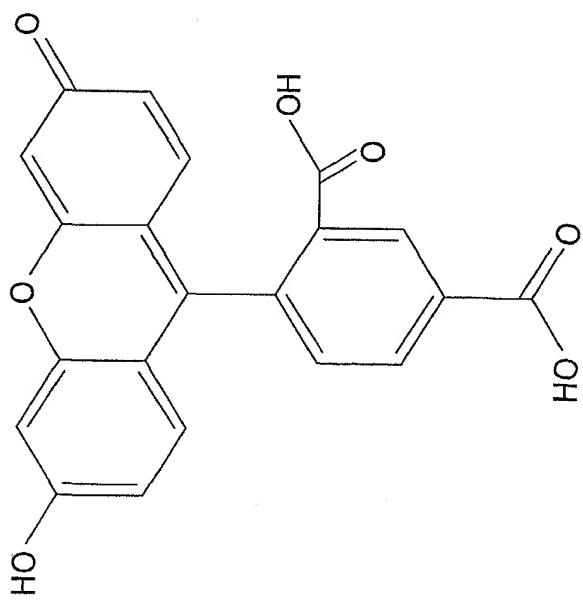
FIG. 5



alizarin complexone



o-cresolphthalein complexone



5-carboxy fluorescein

FIG. 6

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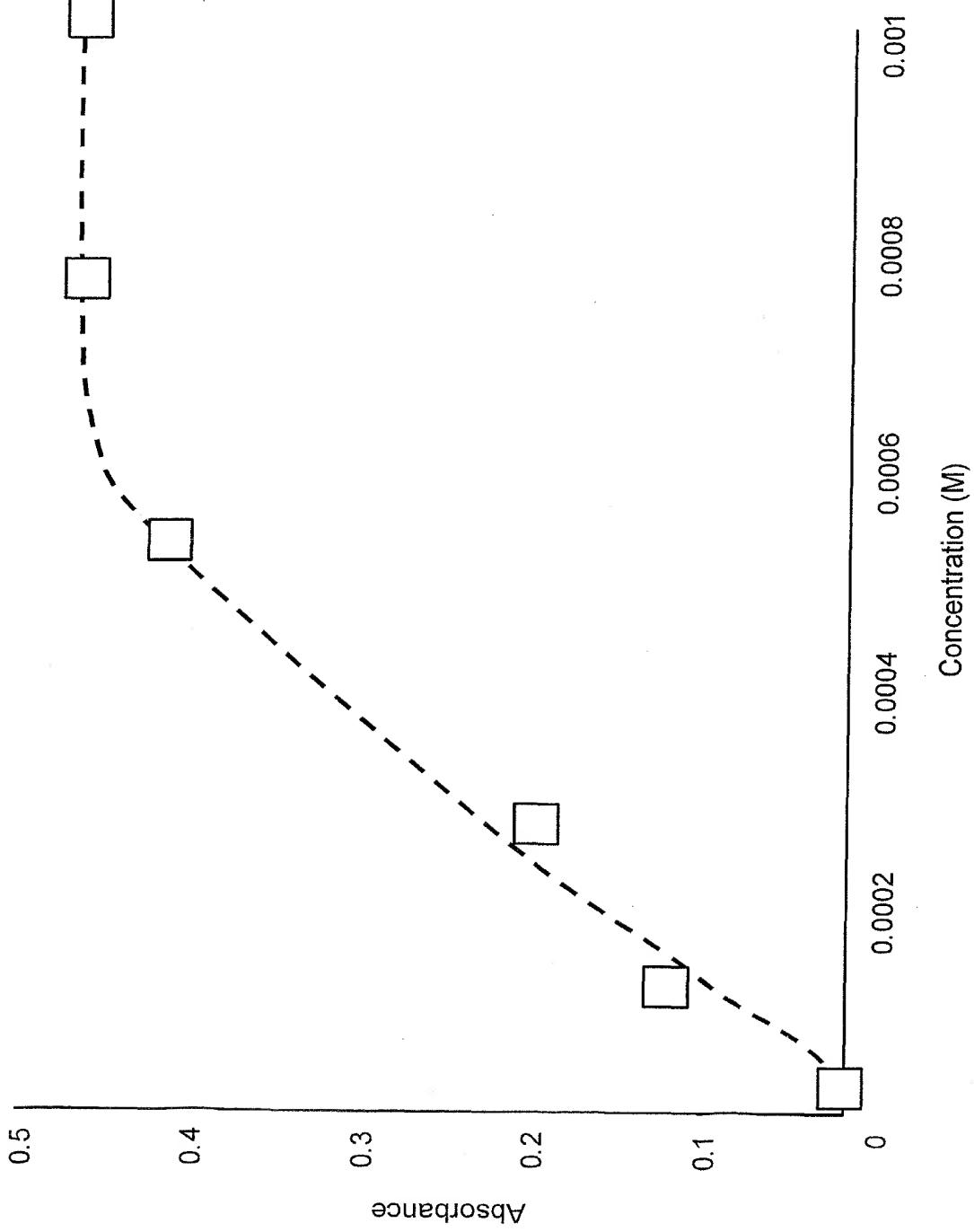


FIG. 7

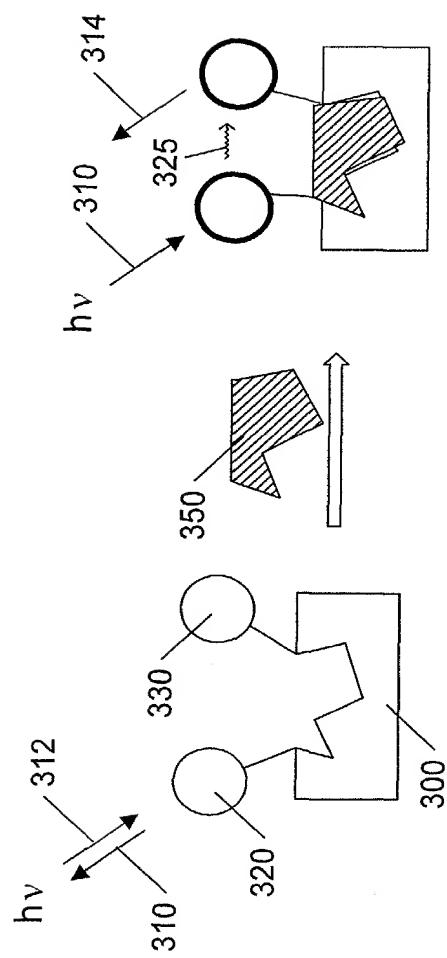


FIG. 8

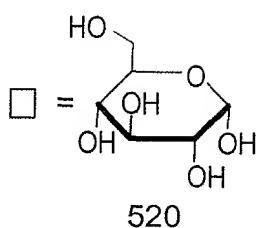
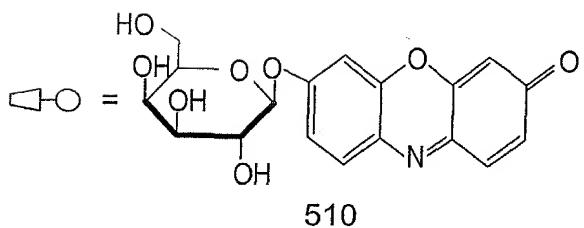
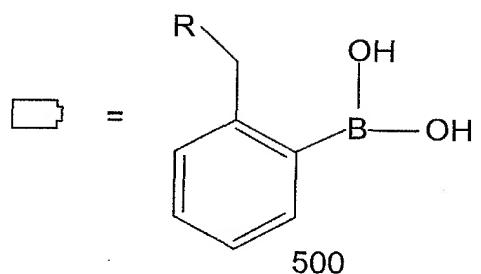
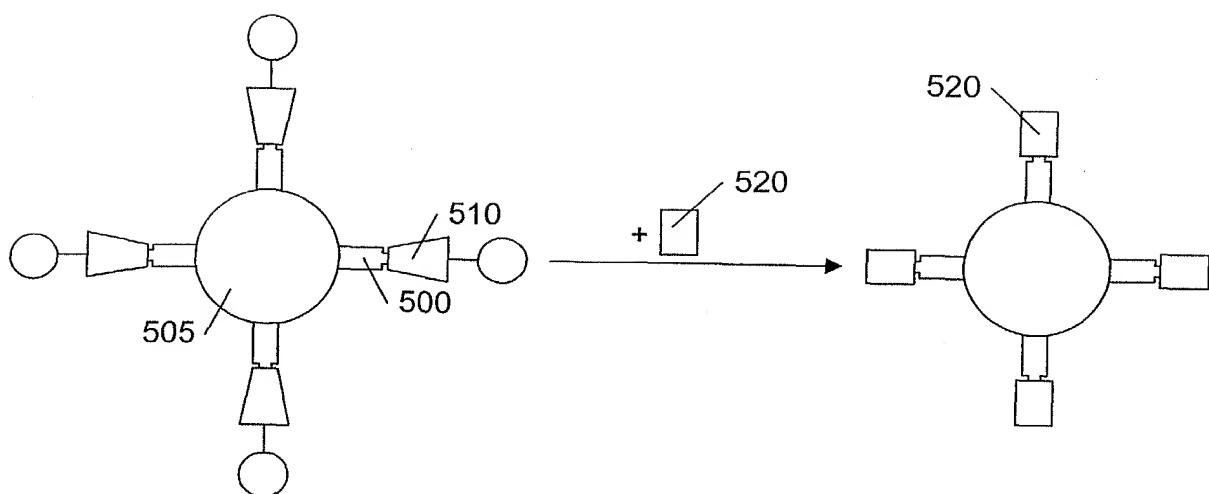
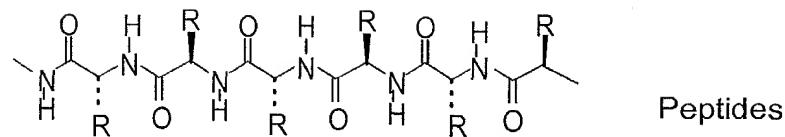
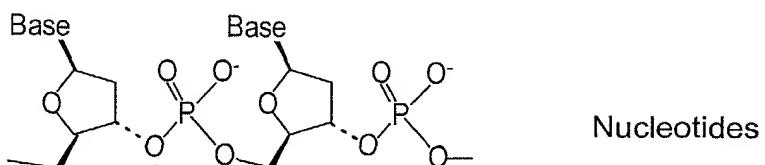


FIG. 9

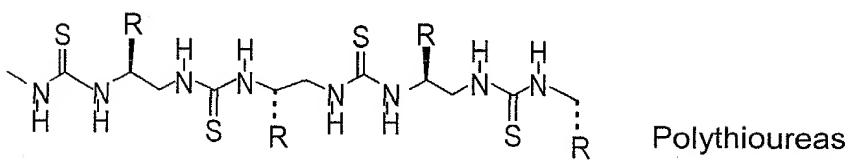
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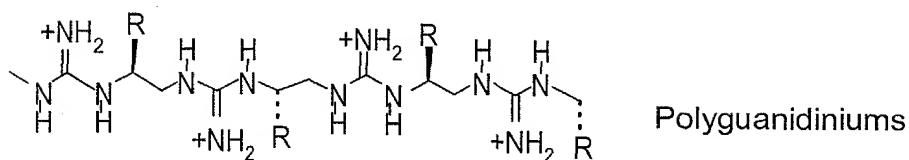
Peptides



Nucleotides



Polythioureas



Polyguanidiniums

FIG. 10

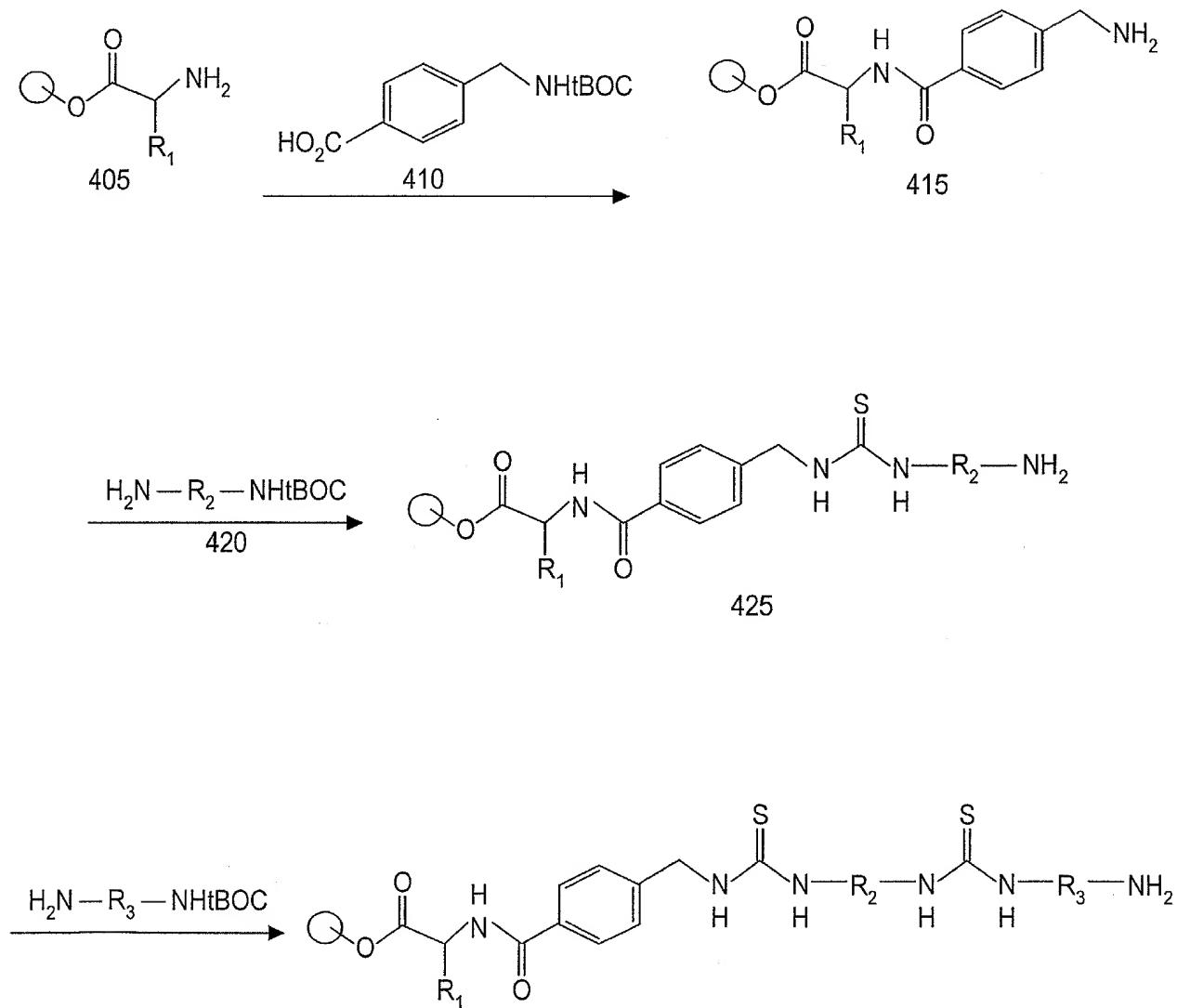


FIG. 11

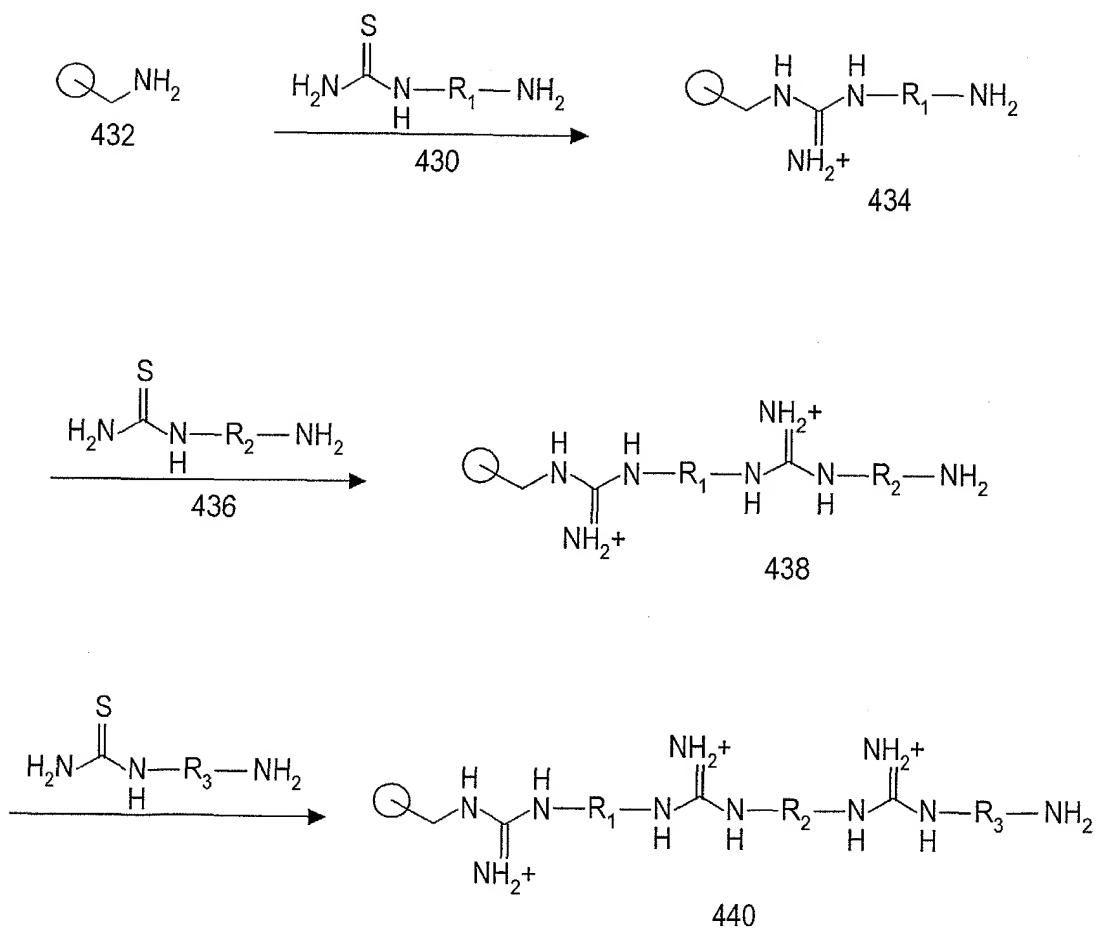


FIG. 12

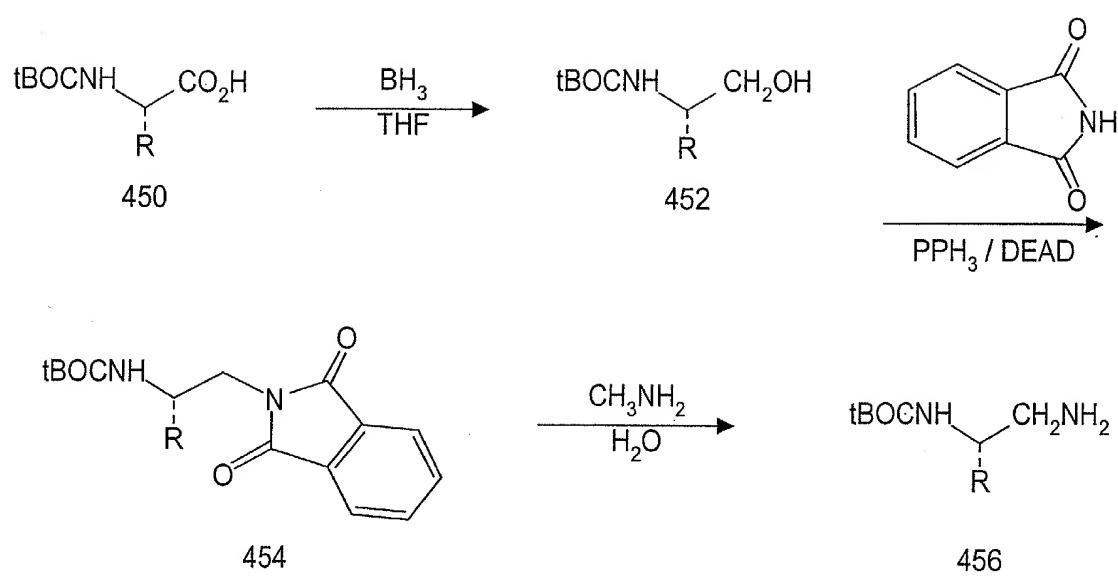


FIG. 13

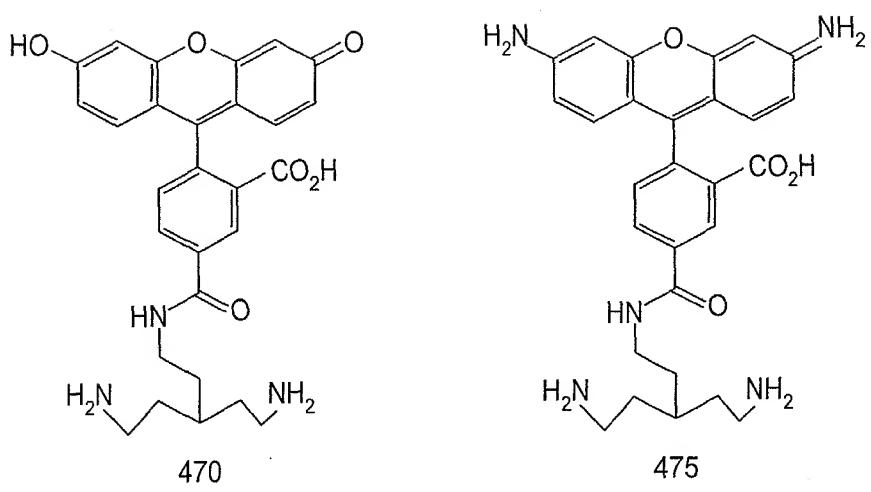
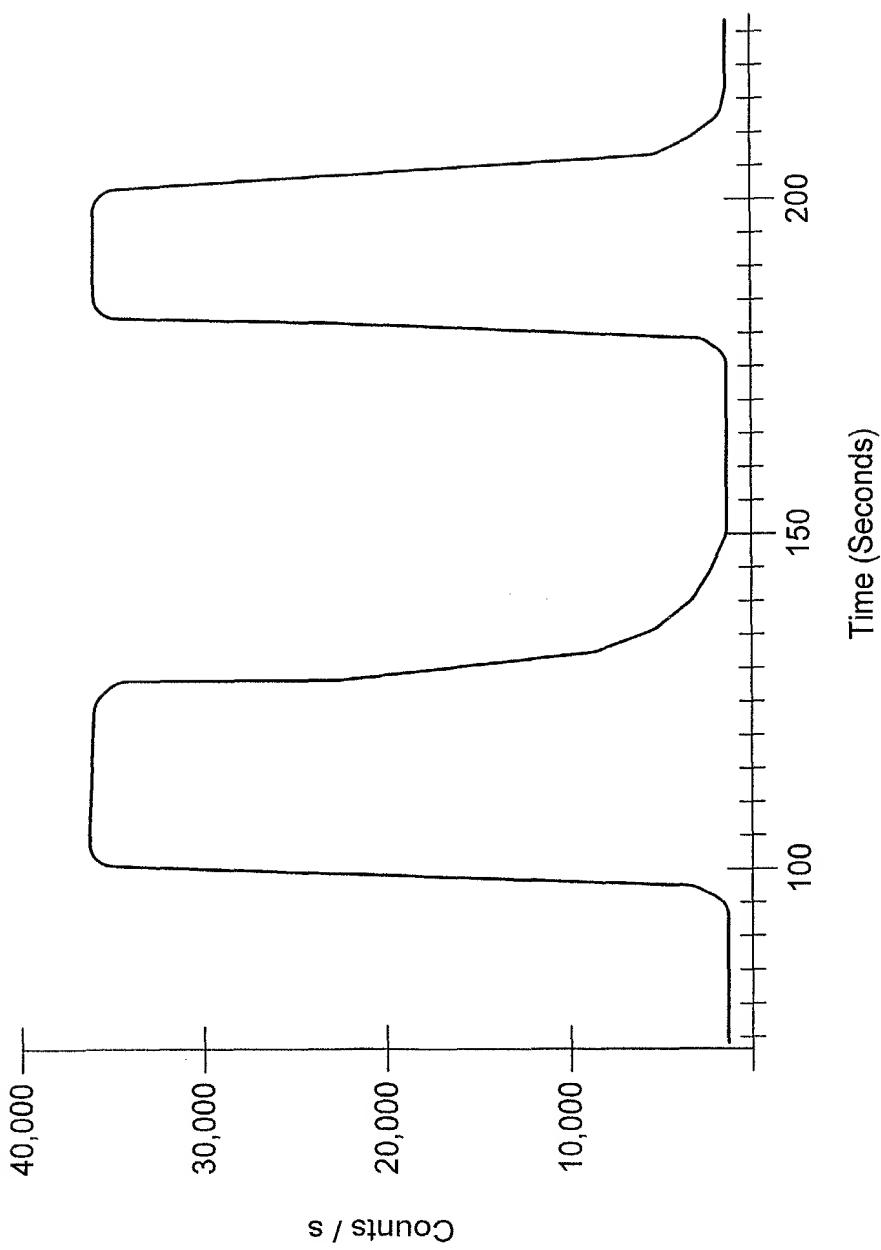


FIG. 14

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FIG. 15



RESIN:		Blank	Alizarin	<i>o</i> -Cresol-phthalein	Fluorescein	Alizarin-Ce ³⁺ complex
pH	Ion					
2	none	R G B	R G B	R G B	R G B	R G B
2	Ca ²⁺	R G B	R G B	R G B	R G B	R G B
7	none	R G B	R G B	R G B	R G B	R G B
7	Ca ²⁺	R G B	R G B	R G B	R G B	R G B
7	F ⁻	R G B	R G B	R G B	R G B	R G B
12	none	R G B	R G B	R G B	R G B	R G B
12	Ca ²⁺	R G B	R G B	R G B	R G B	R G B
12	F ⁻	R G B	R G B	R G B	R G B	R G B

FIG. 16

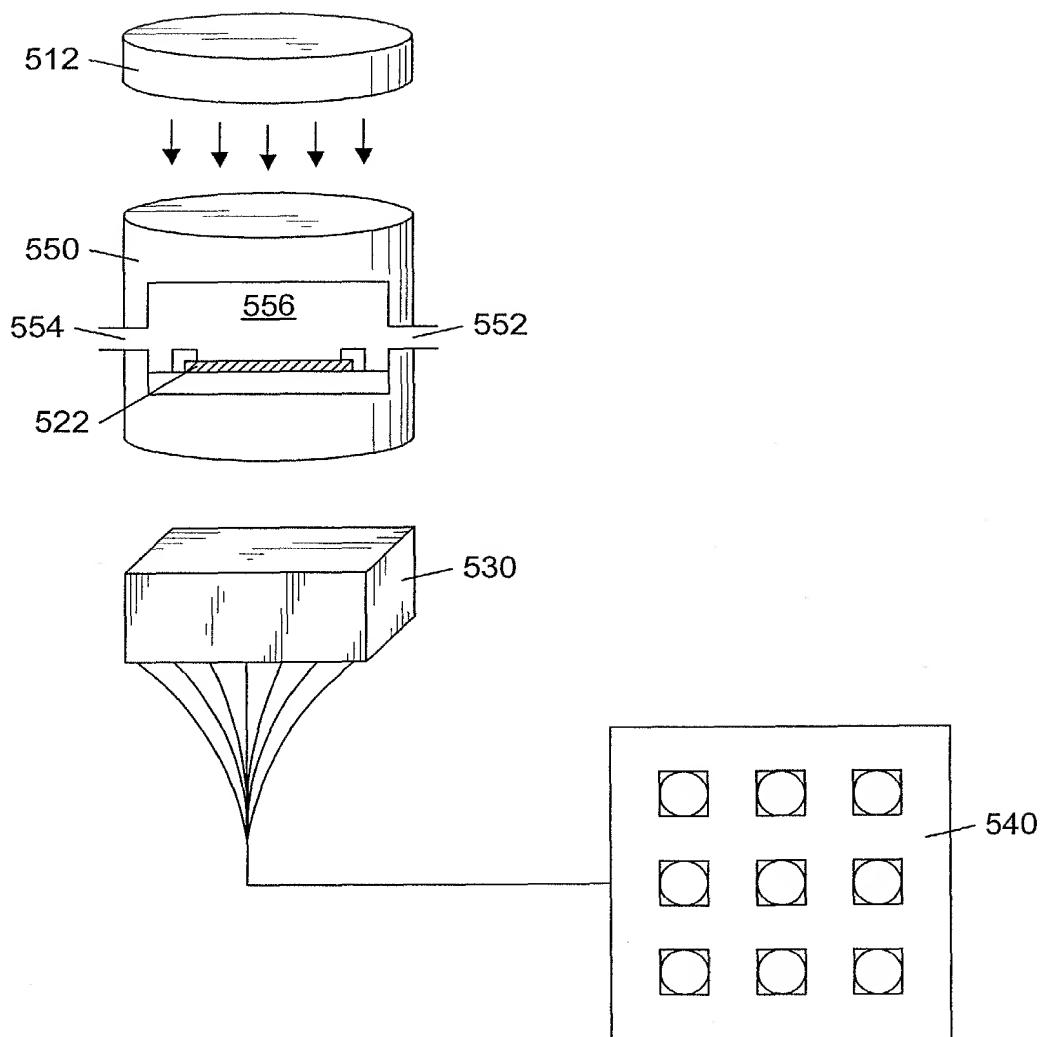


FIG. 17

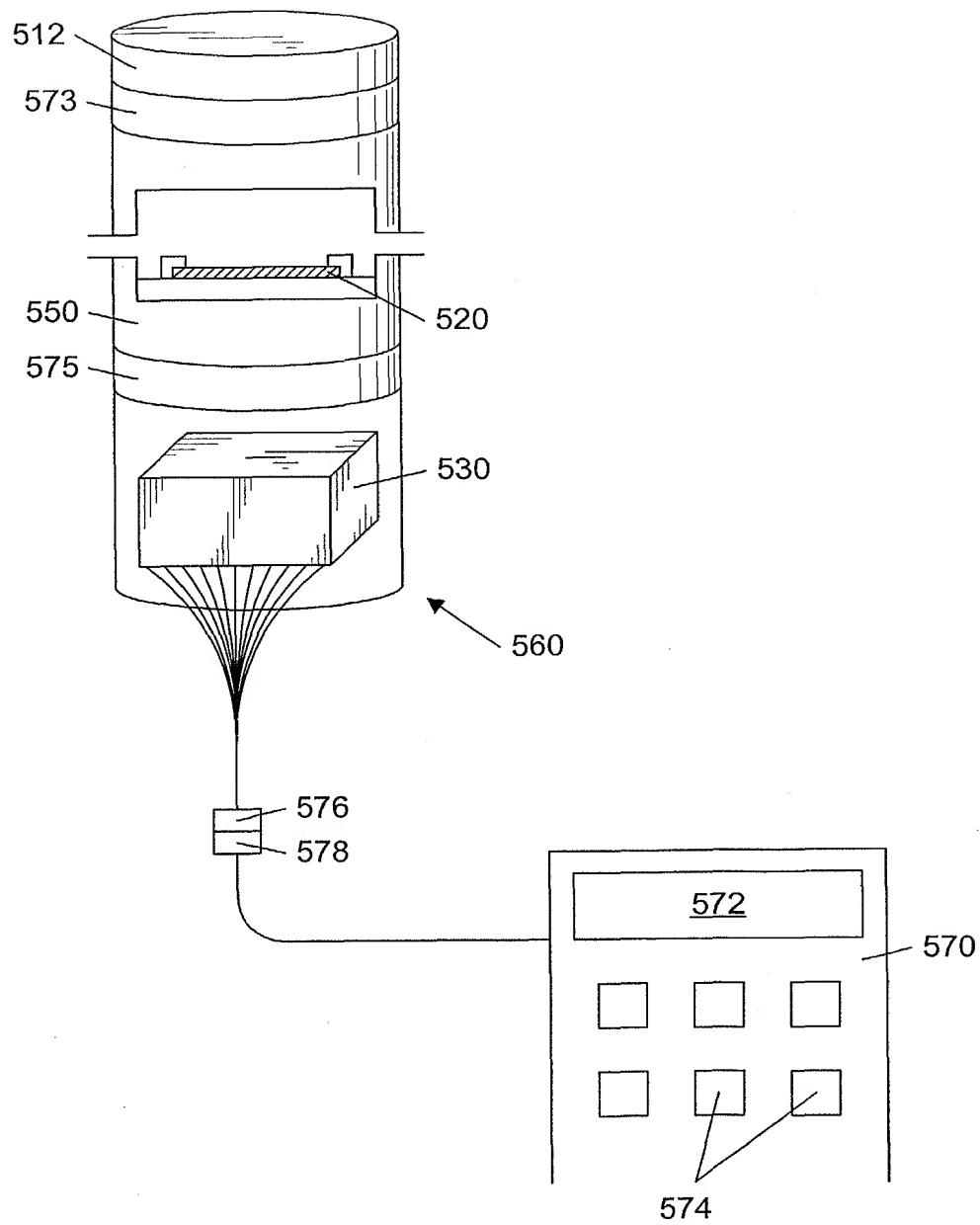


FIG. 18

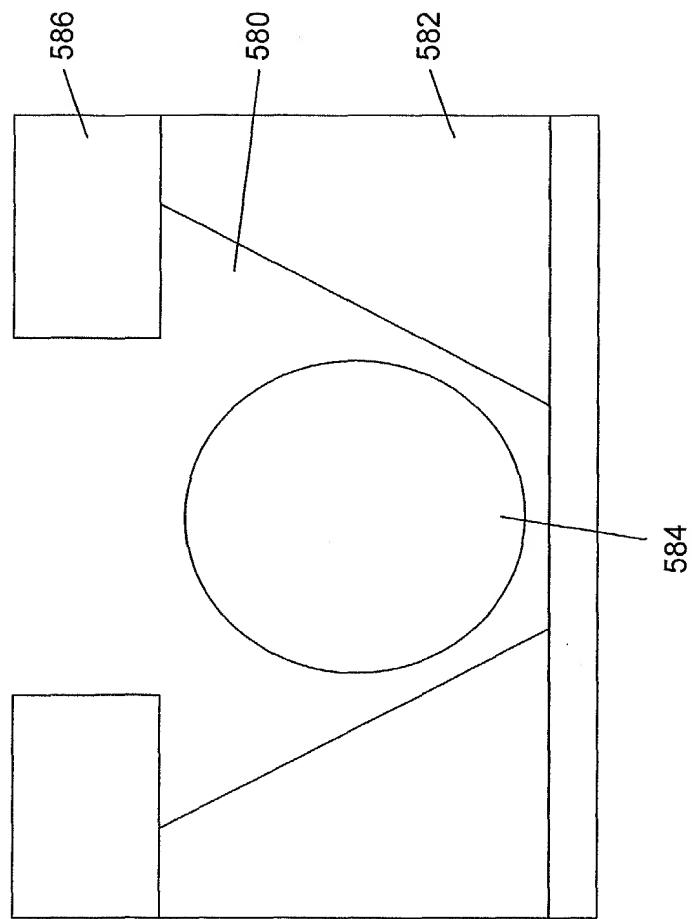


FIG. 19

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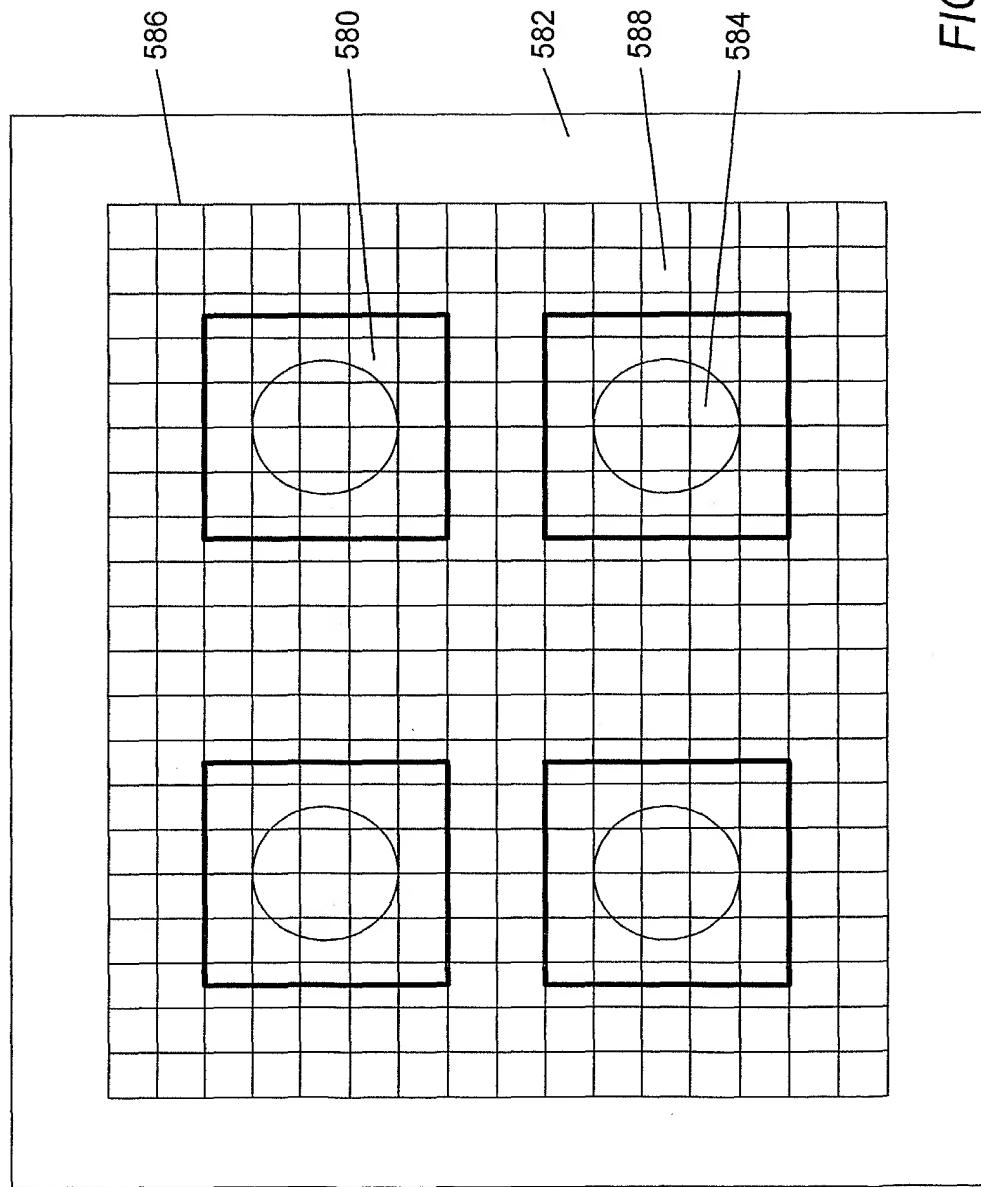


FIG. 20

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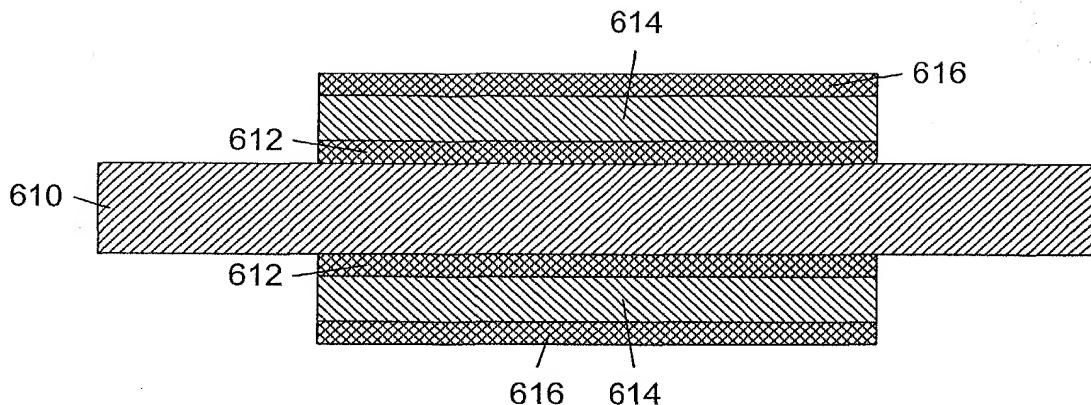


FIG. 21A

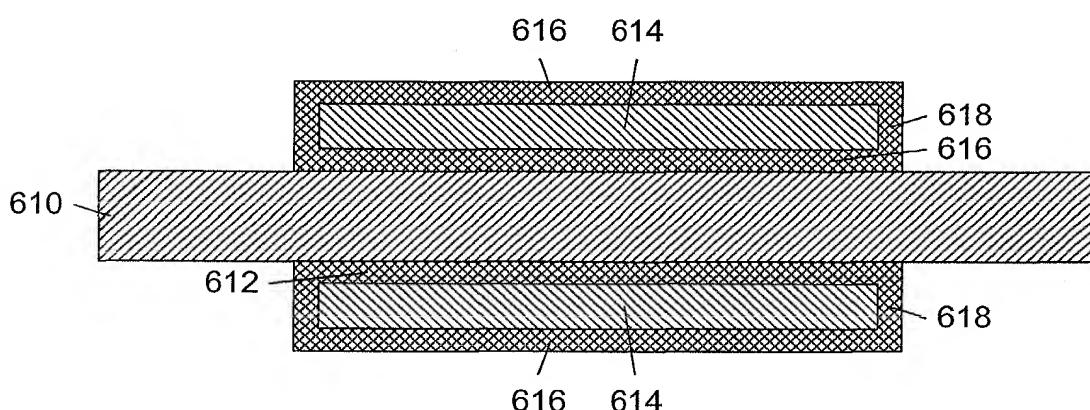


FIG. 21B

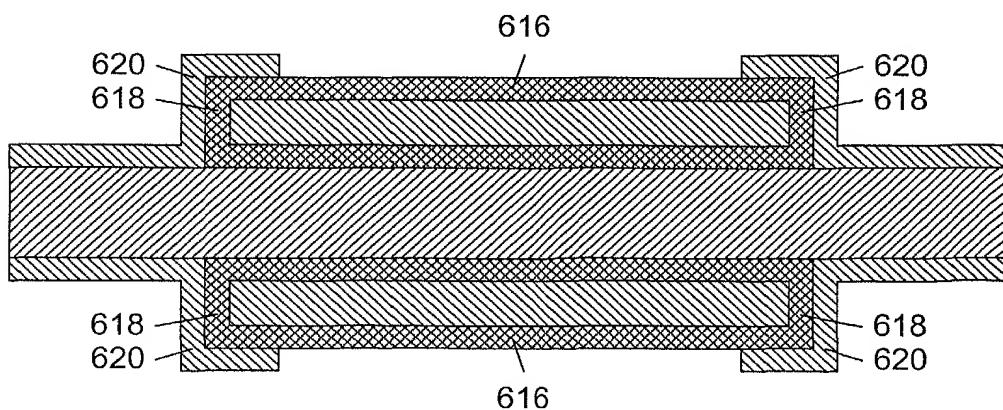


FIG. 21C

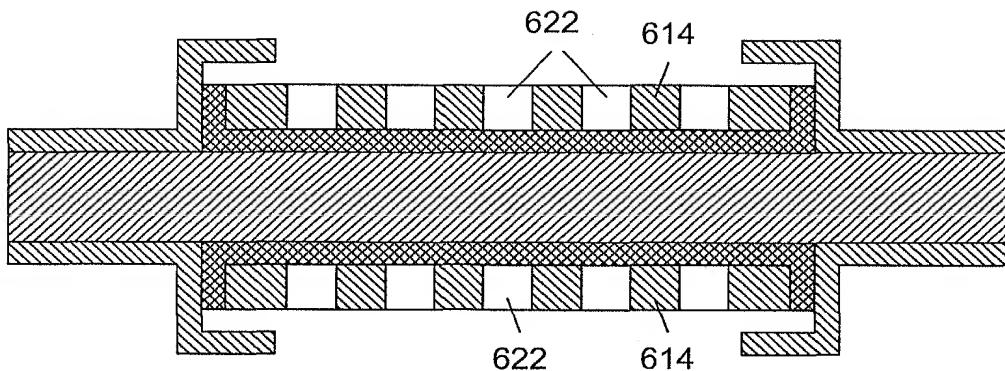


FIG. 21D

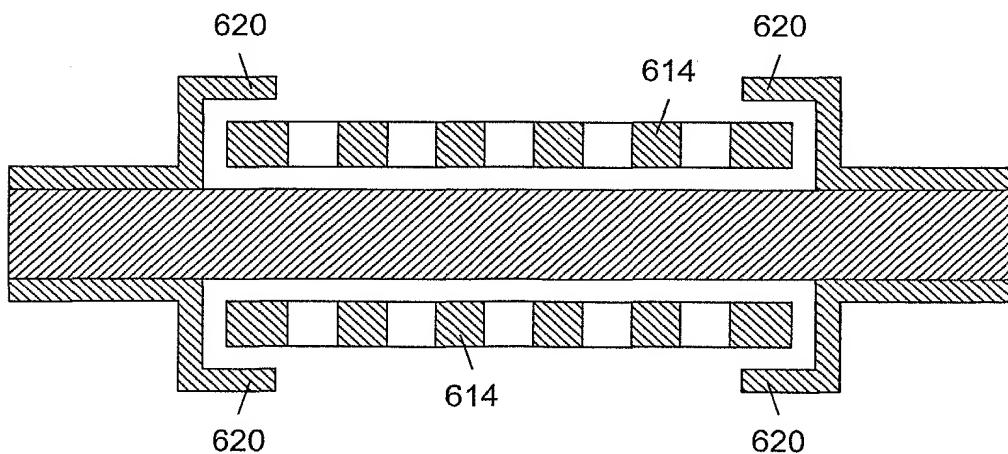
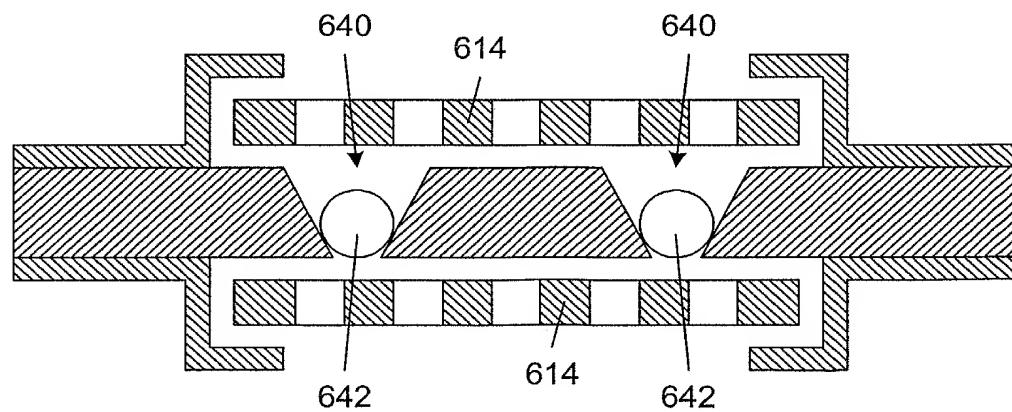
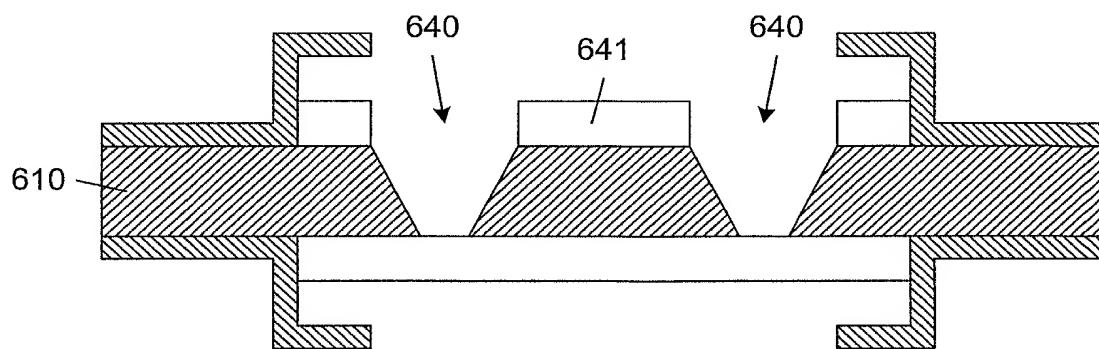


FIG. 21E



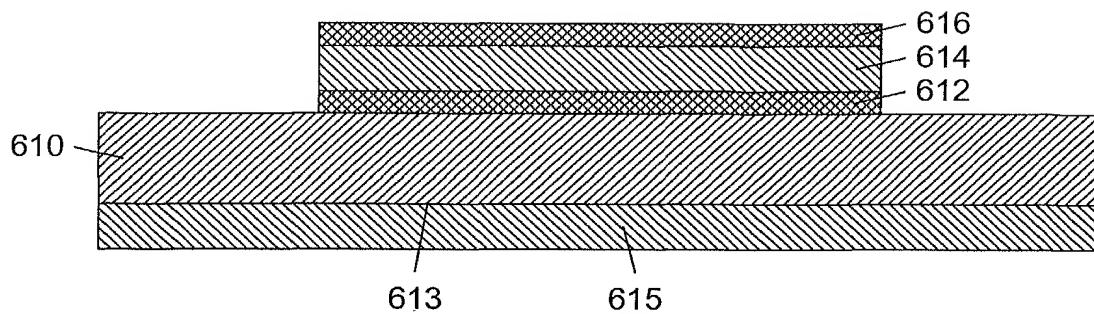


FIG. 22A

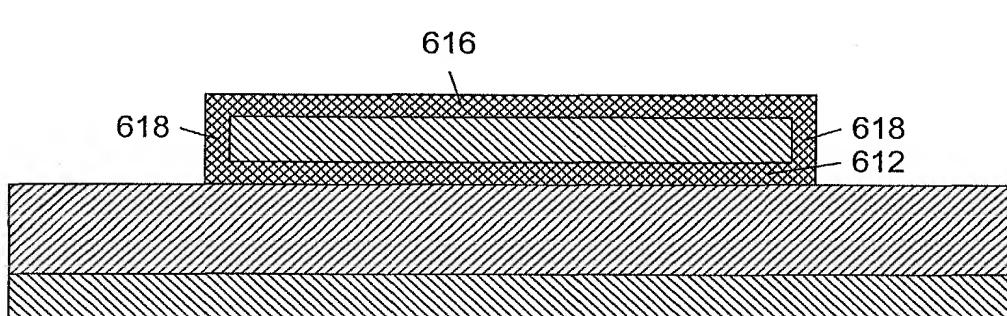


FIG. 22B

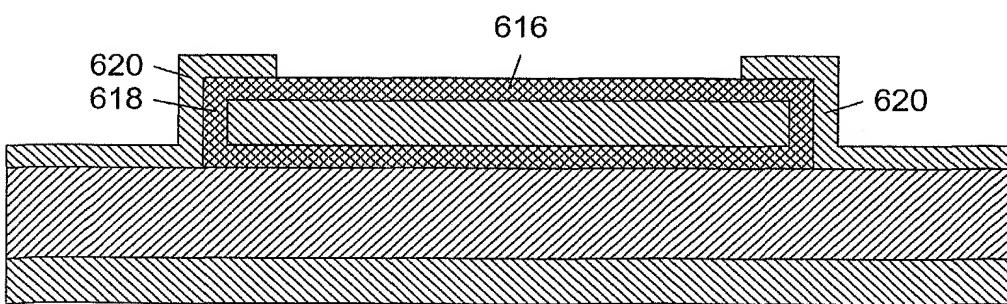


FIG. 22C

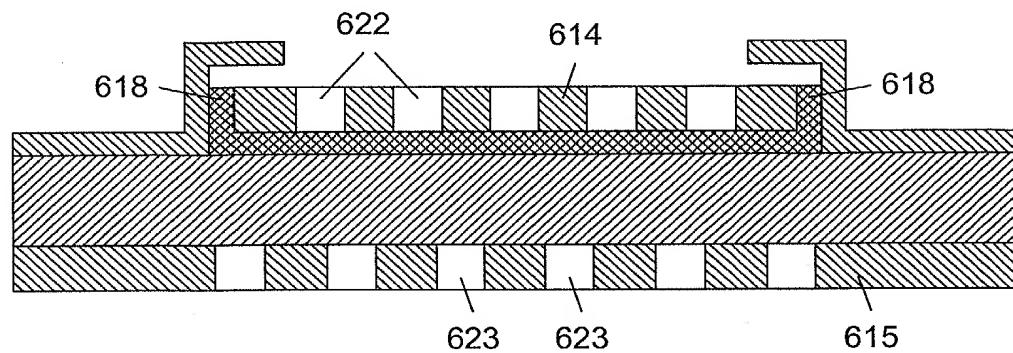


FIG. 22D

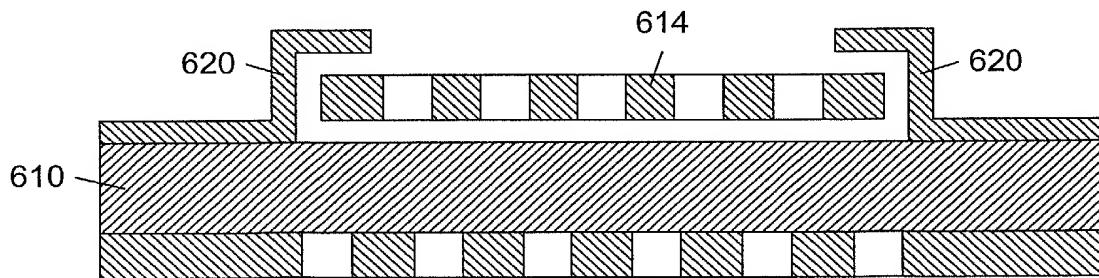


FIG. 22E

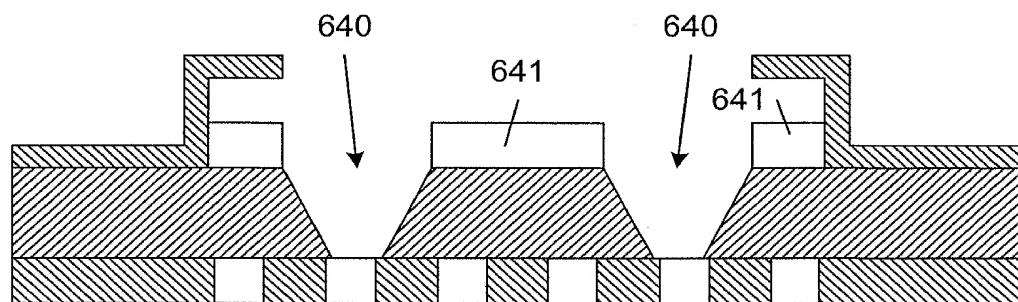


FIG. 22F

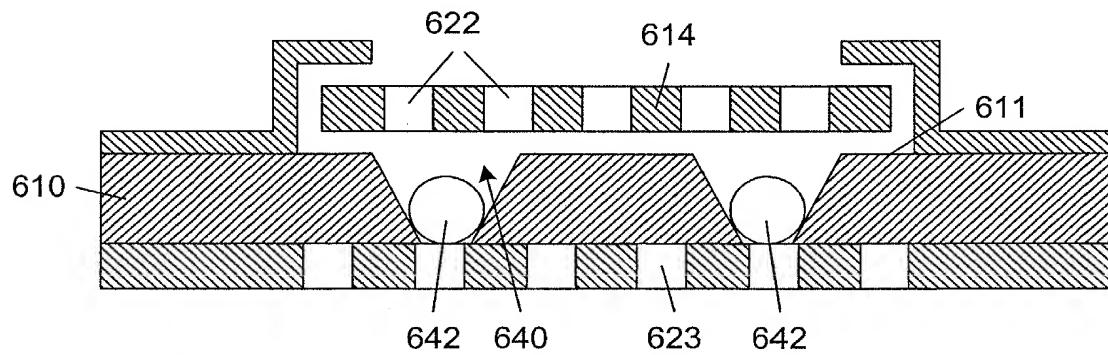


FIG. 22G

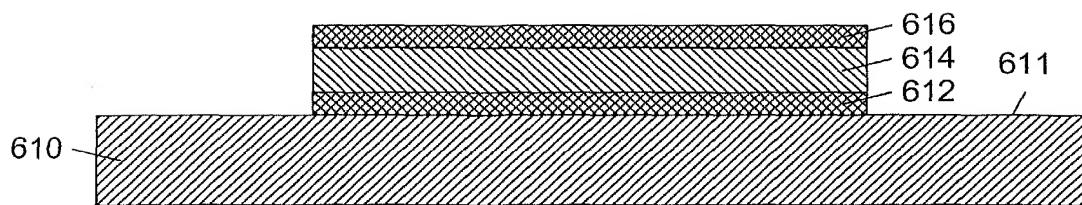


FIG. 23A

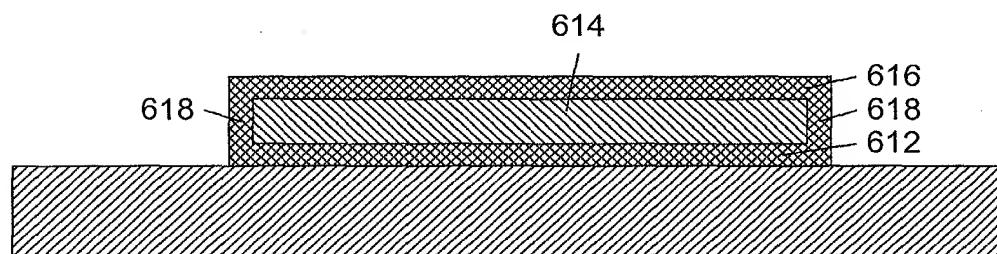


FIG. 23B

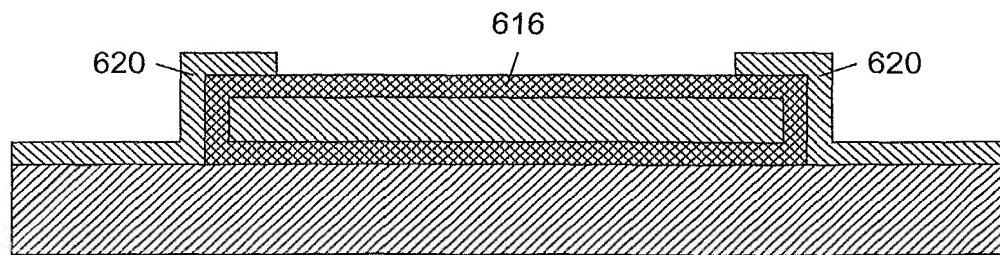


FIG. 23C

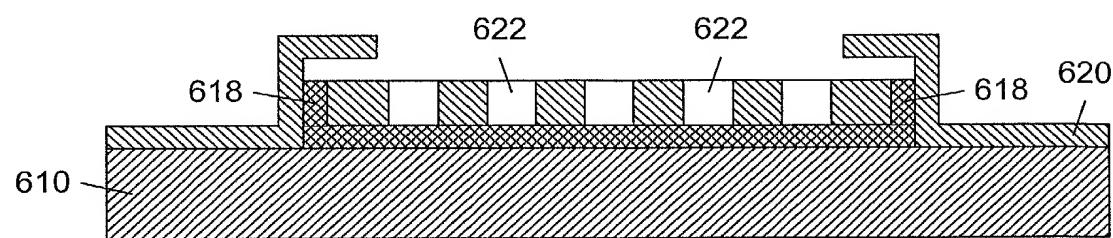


FIG. 23D

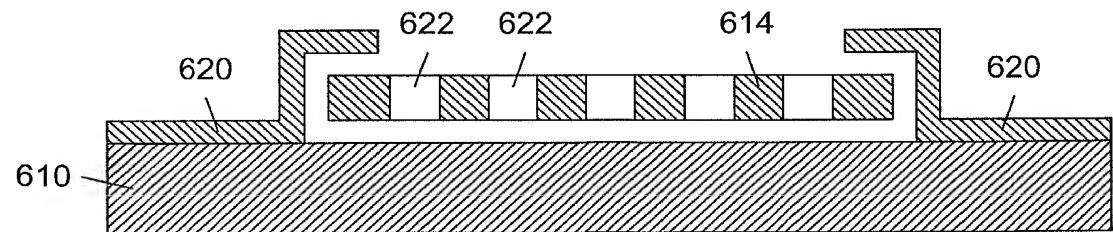


FIG. 23E

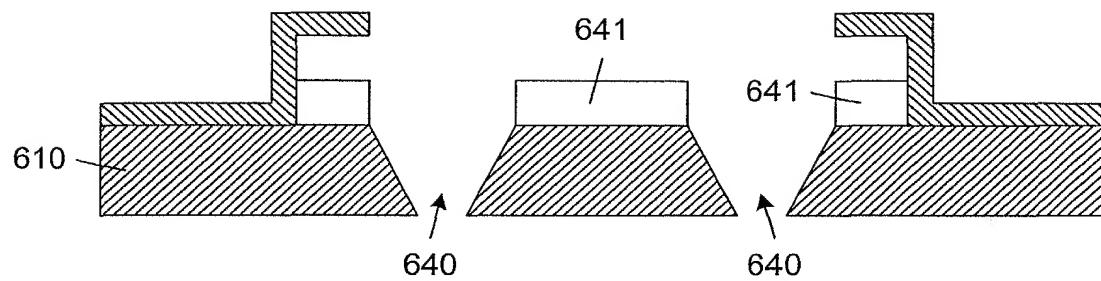


FIG. 23F

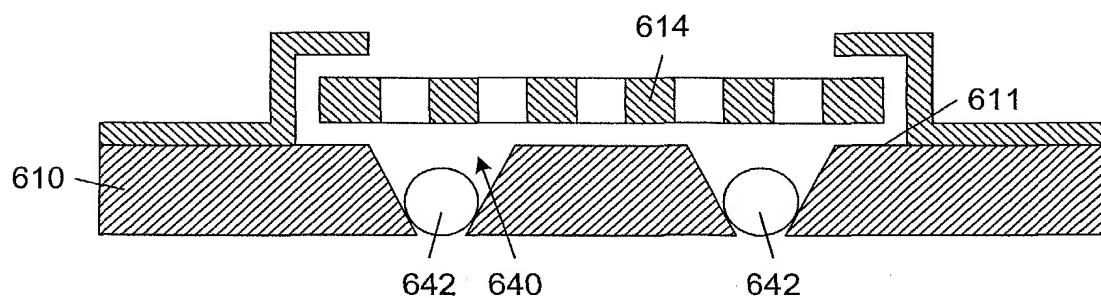


FIG. 23G

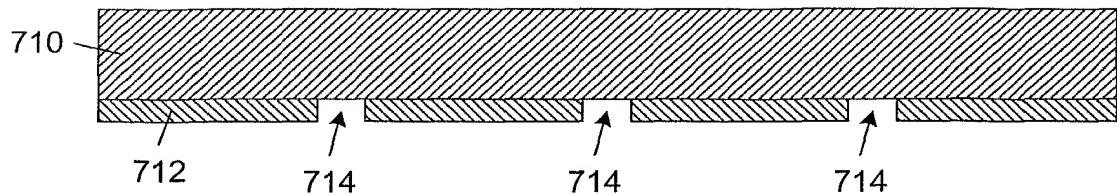


FIG. 24A

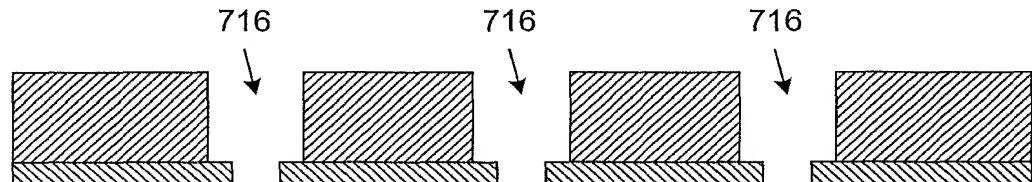


FIG. 24B

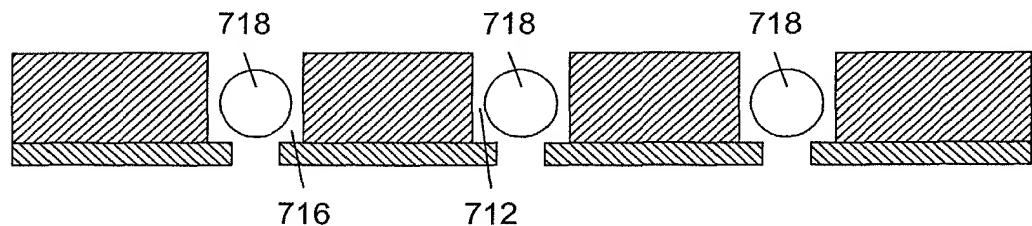


FIG. 24C

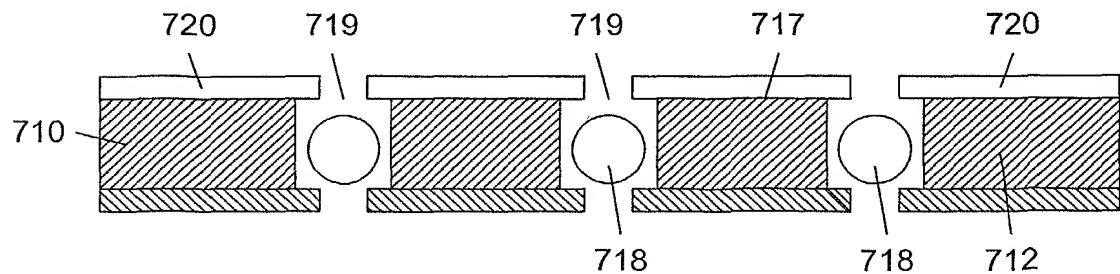
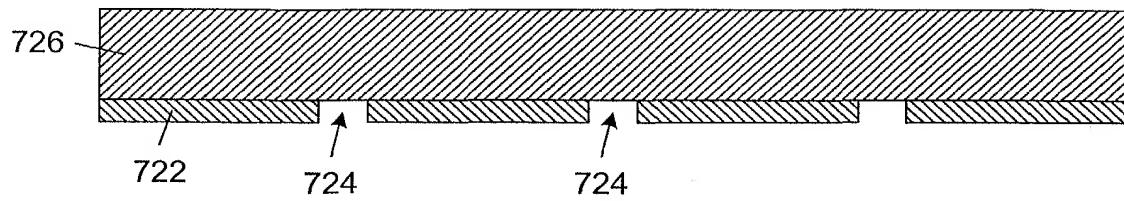
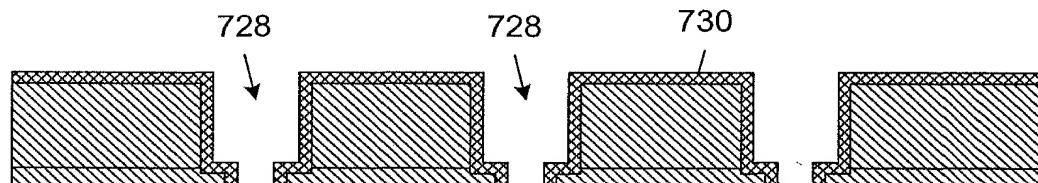
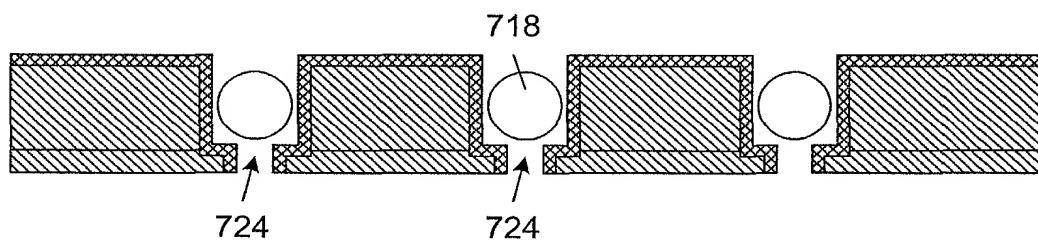
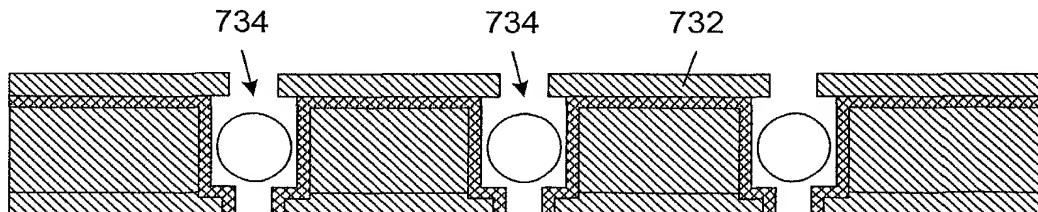


FIG. 24D

**FIG. 25A****FIG. 25B****FIG. 25C****FIG. 25D**

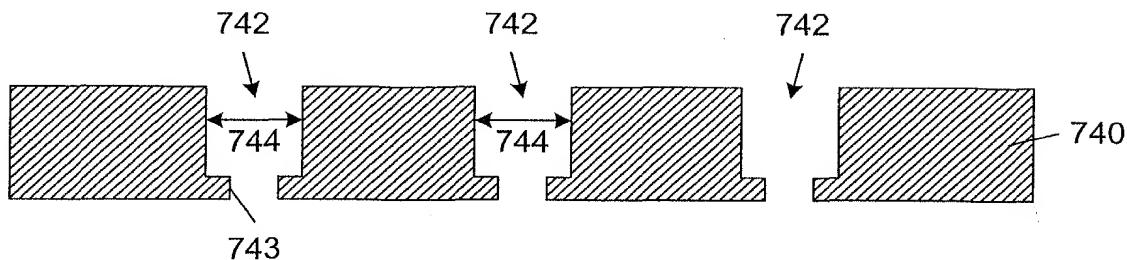


FIG. 26A

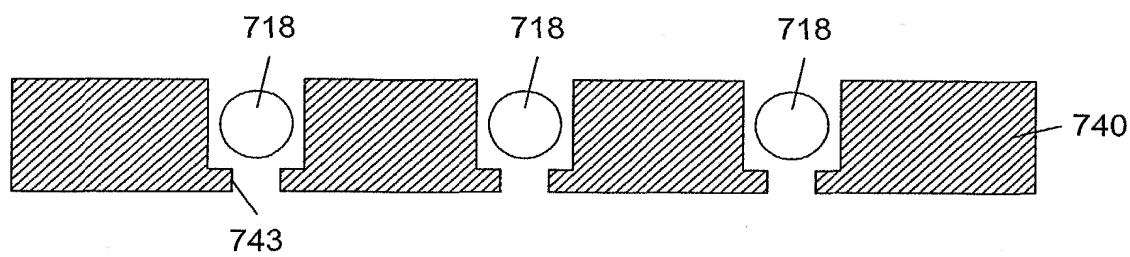


FIG. 26B

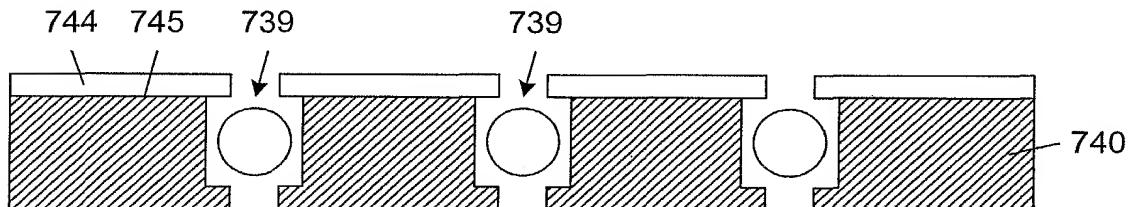


FIG. 26C

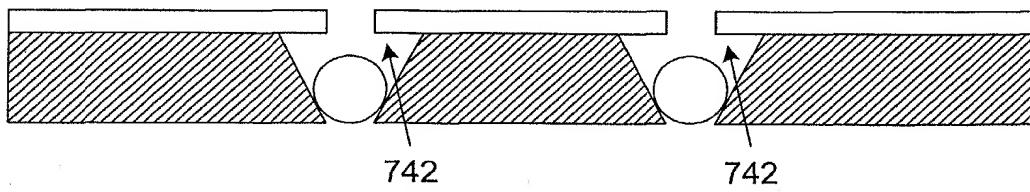


FIG. 26D

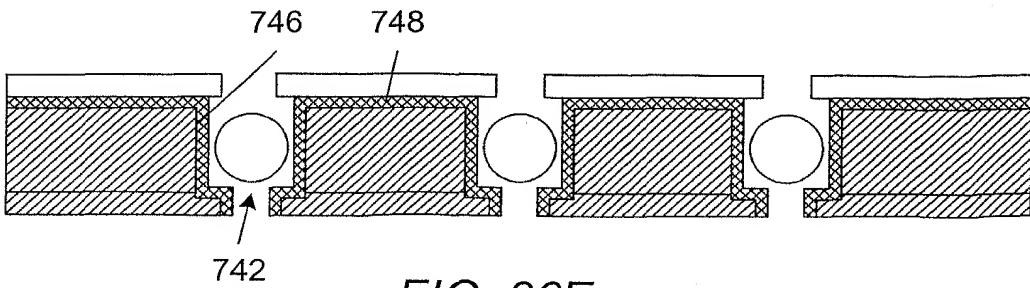


FIG. 26E

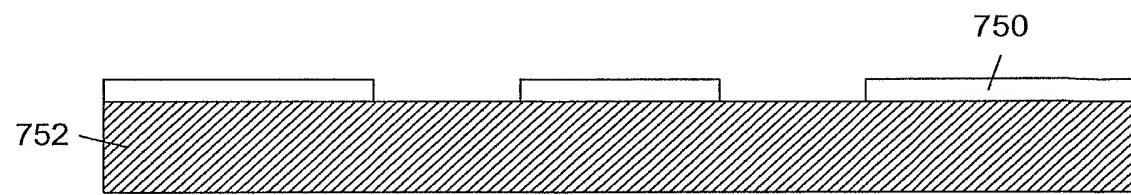


FIG. 27A

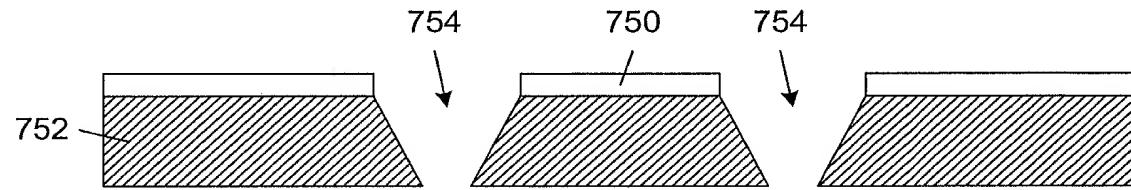


FIG. 27B

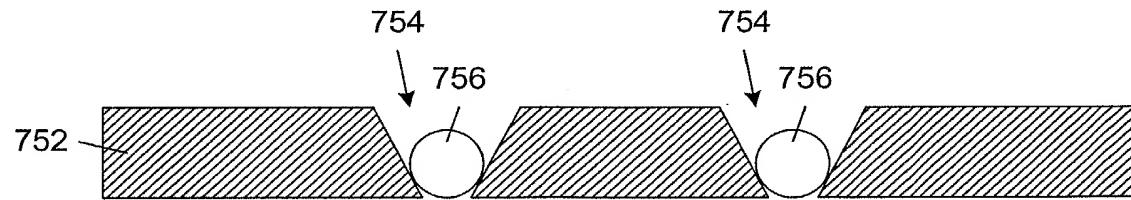


FIG. 27C

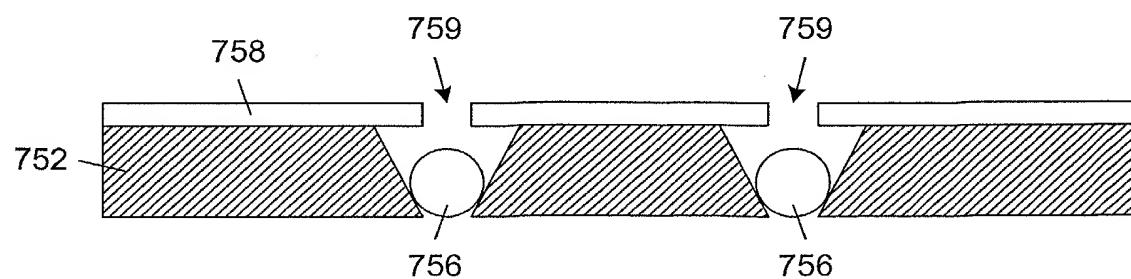


FIG. 27D



FIG. 28A

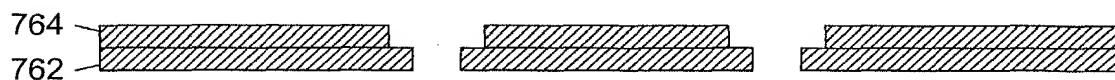


FIG. 28B

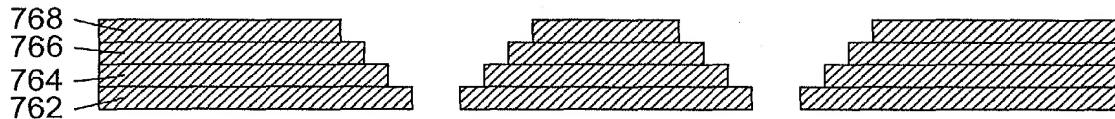


FIG. 28C

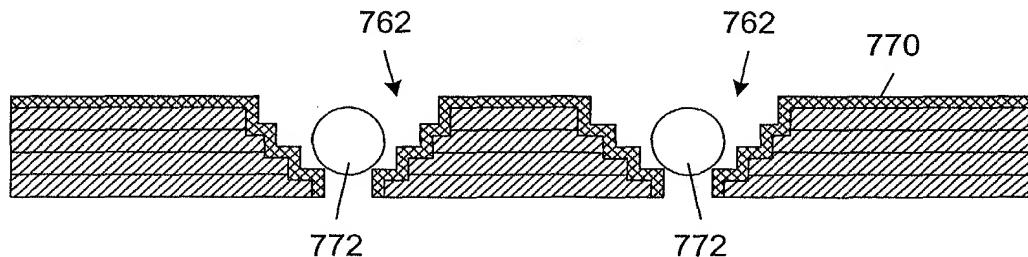


FIG. 28D

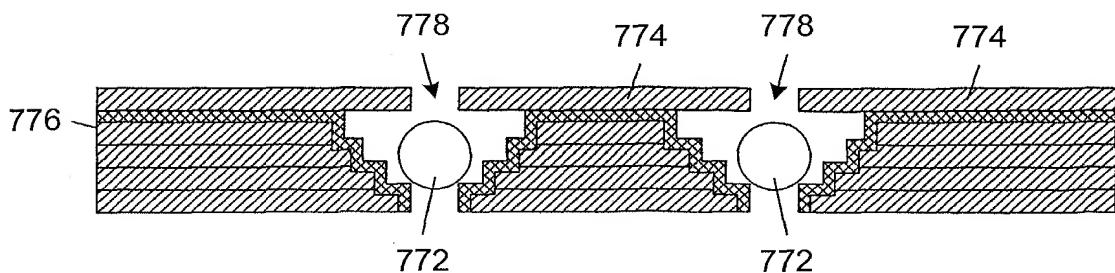
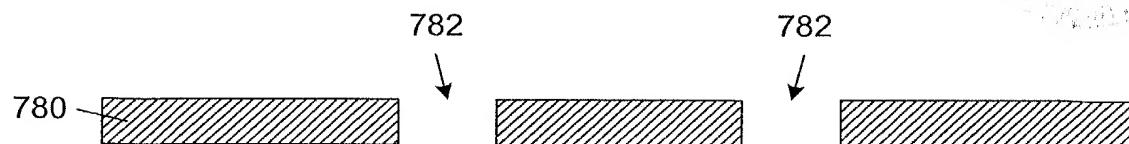
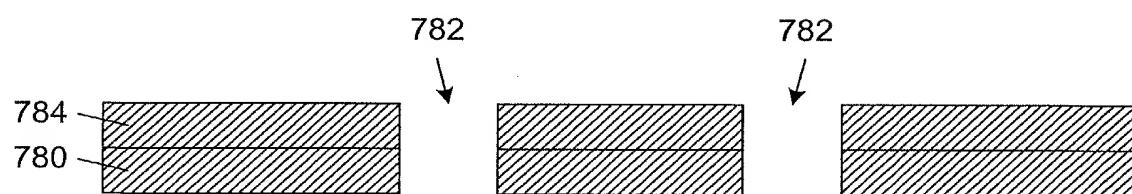
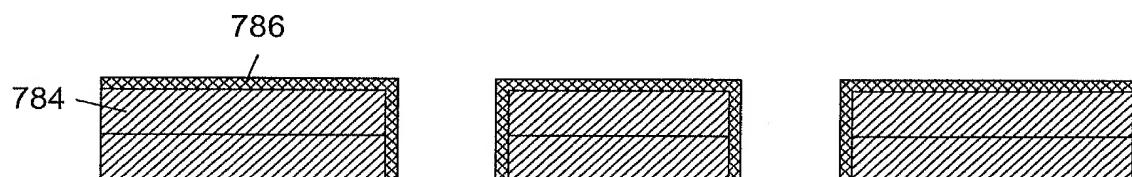
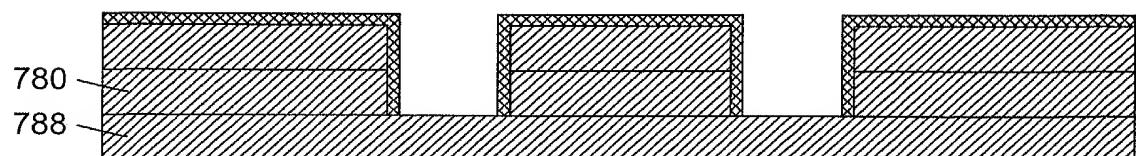
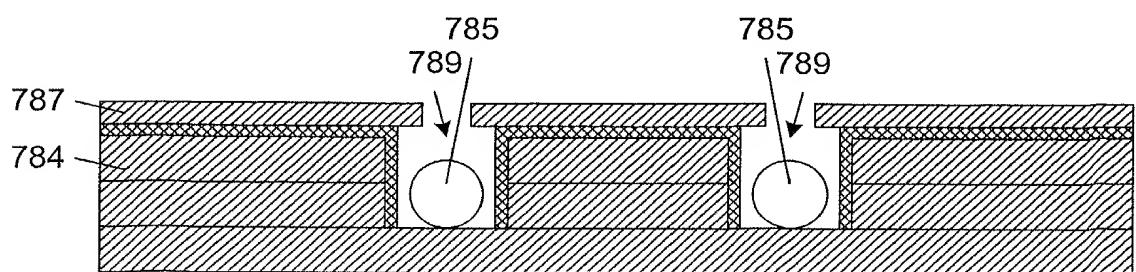


FIG. 28E

***FIG. 29A******FIG. 29B******FIG. 29C******FIG. 29D******FIG. 29E***

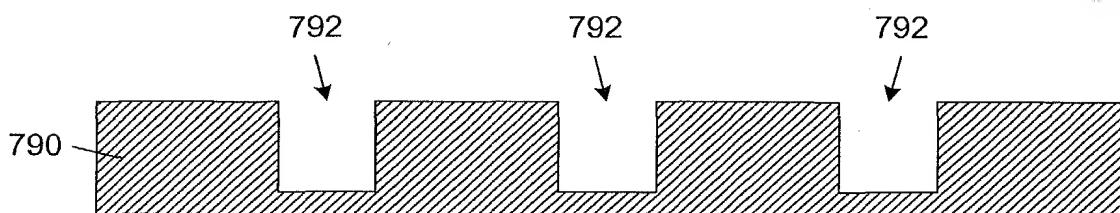


FIG. 30A

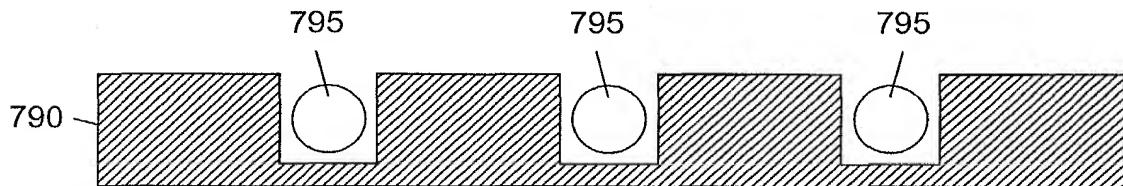


FIG. 30B

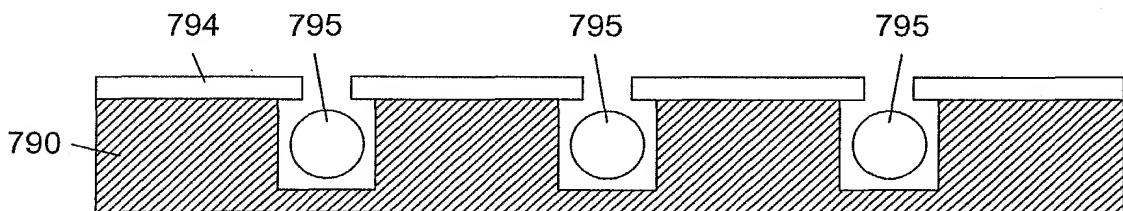


FIG. 30C

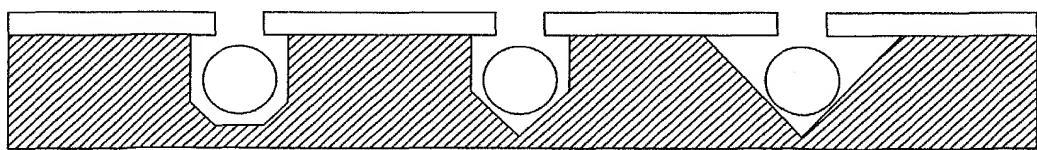


FIG. 30D

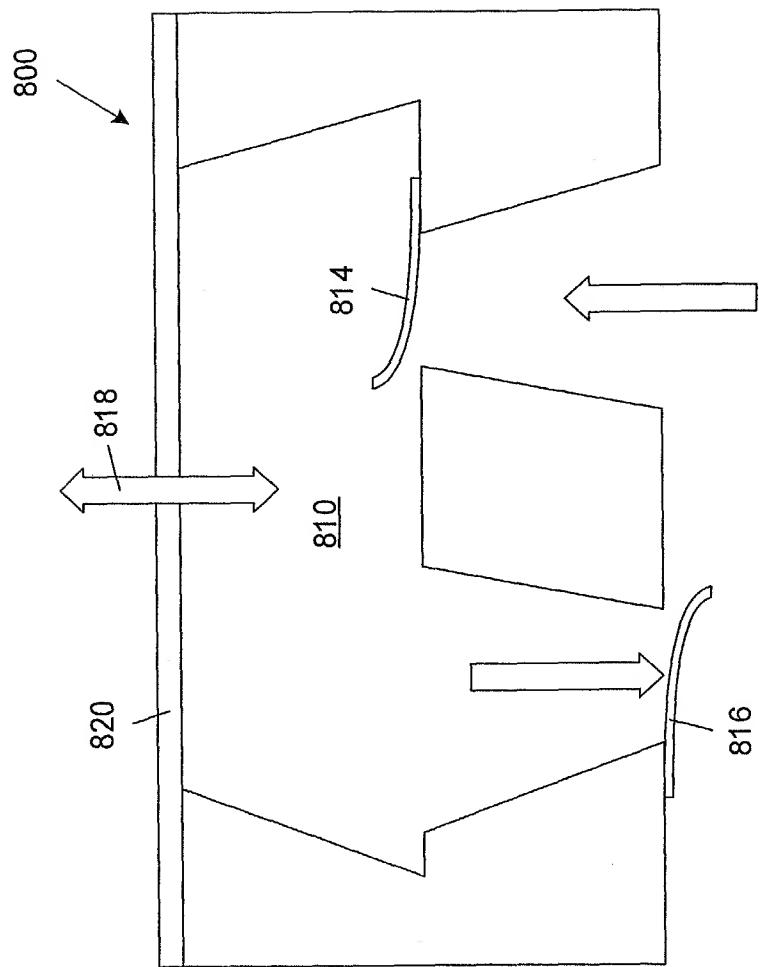


FIG. 31

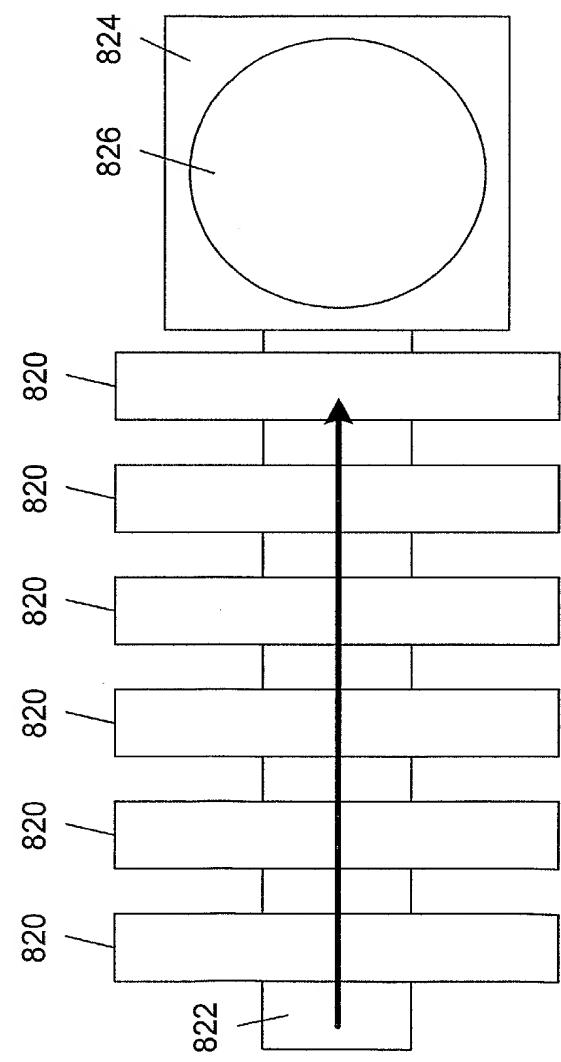
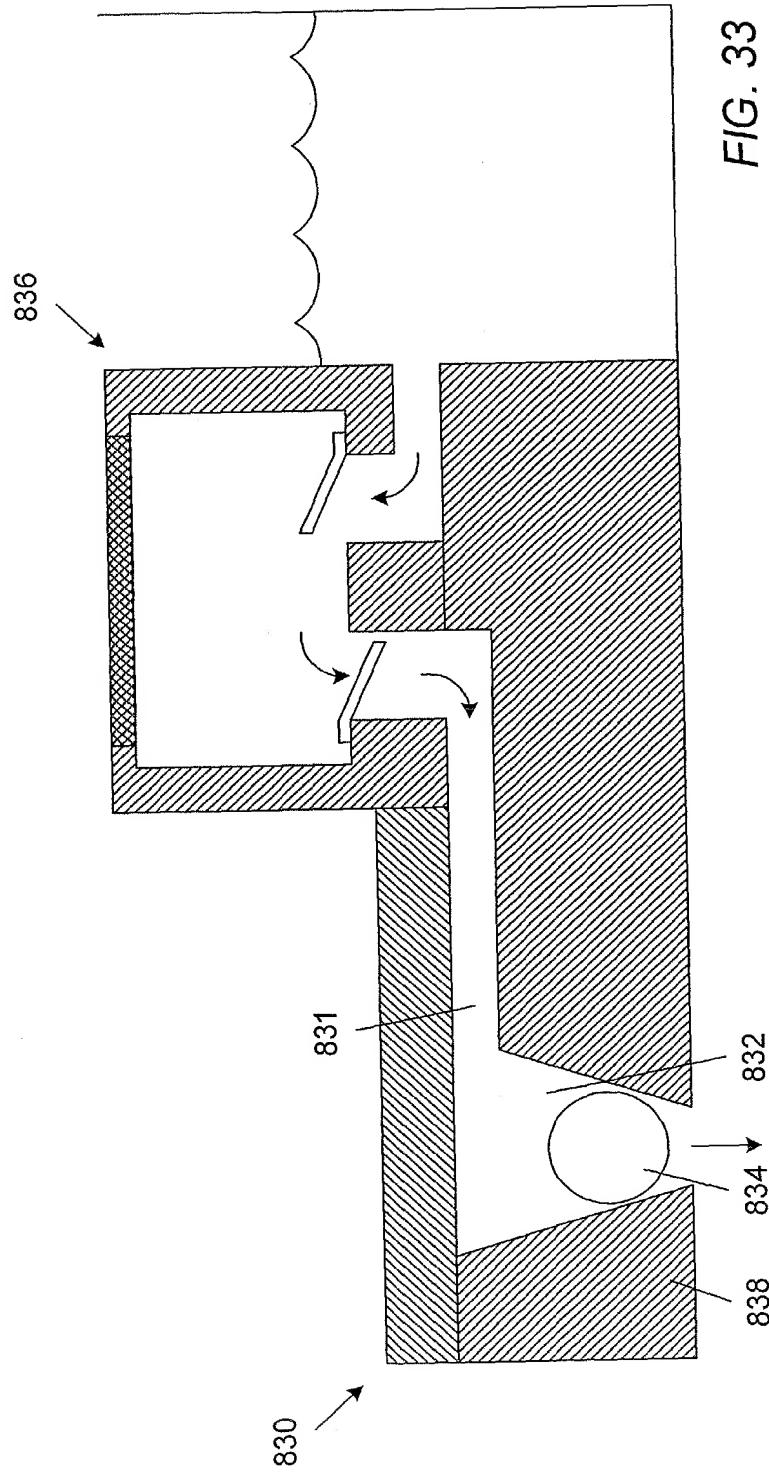


FIG. 32

FIG. 33



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FIG. 34

848

848

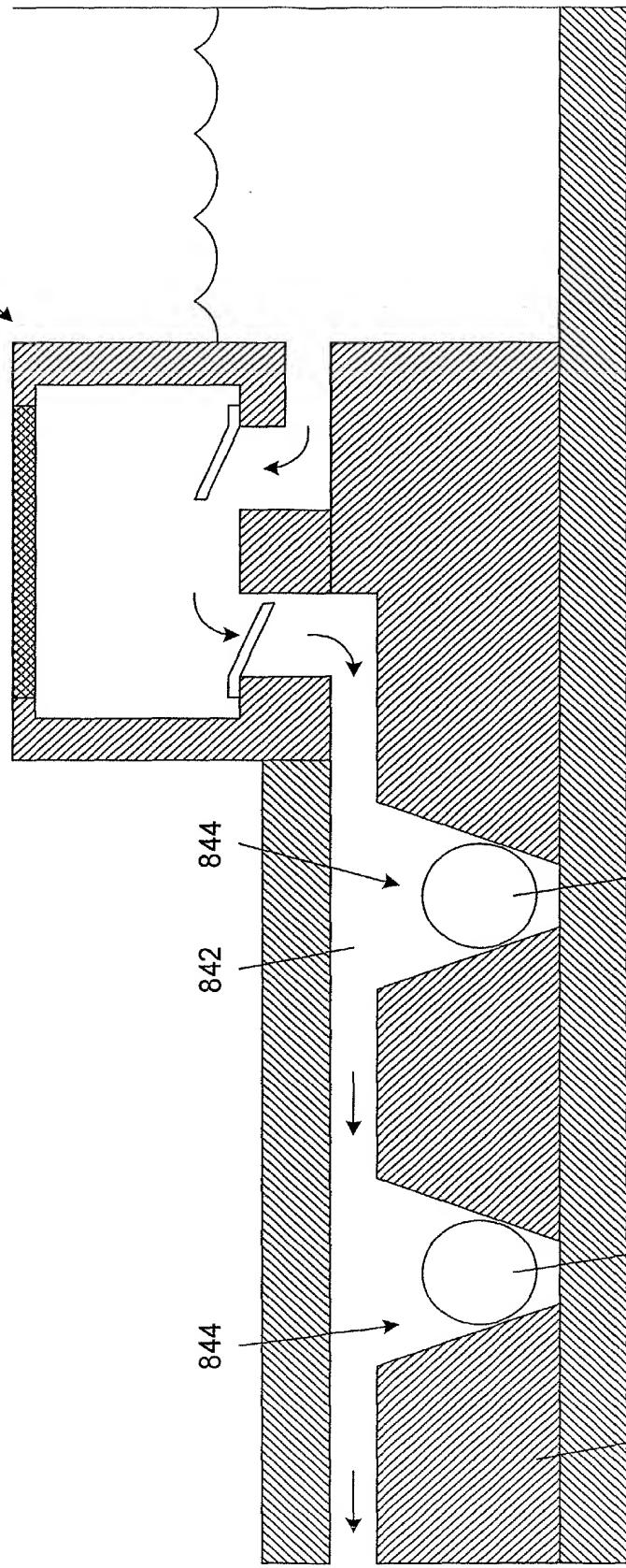
840

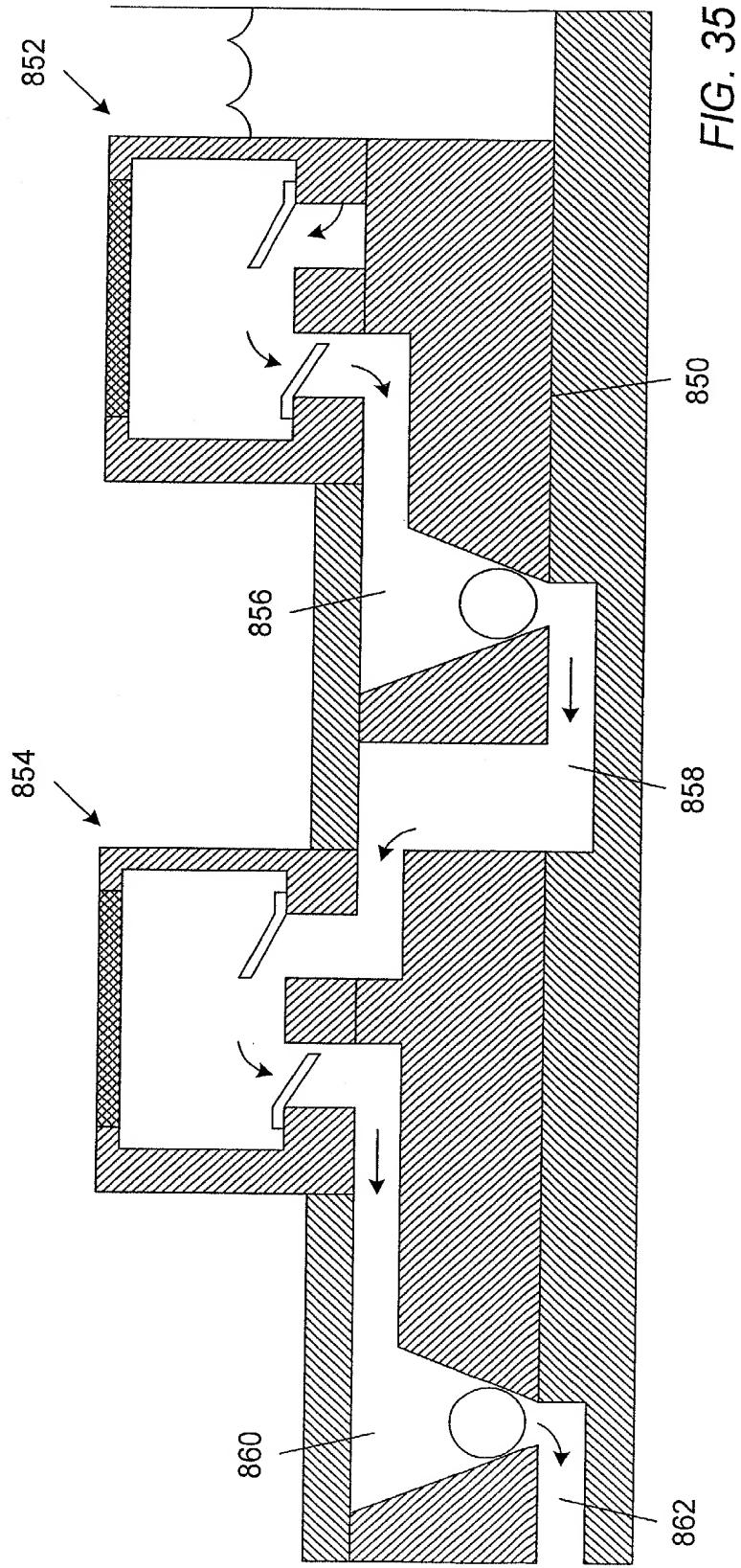
844

844

844

846





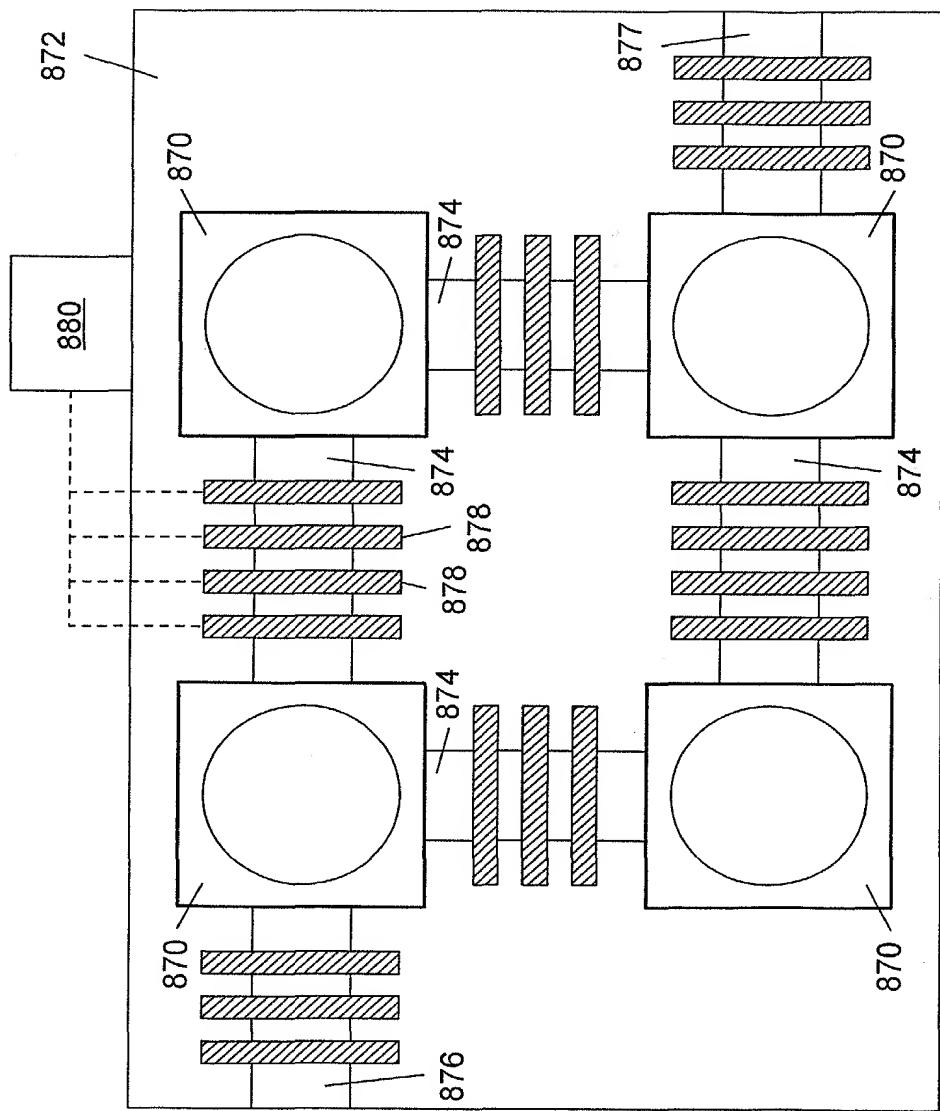


FIG. 36

FIG. 37

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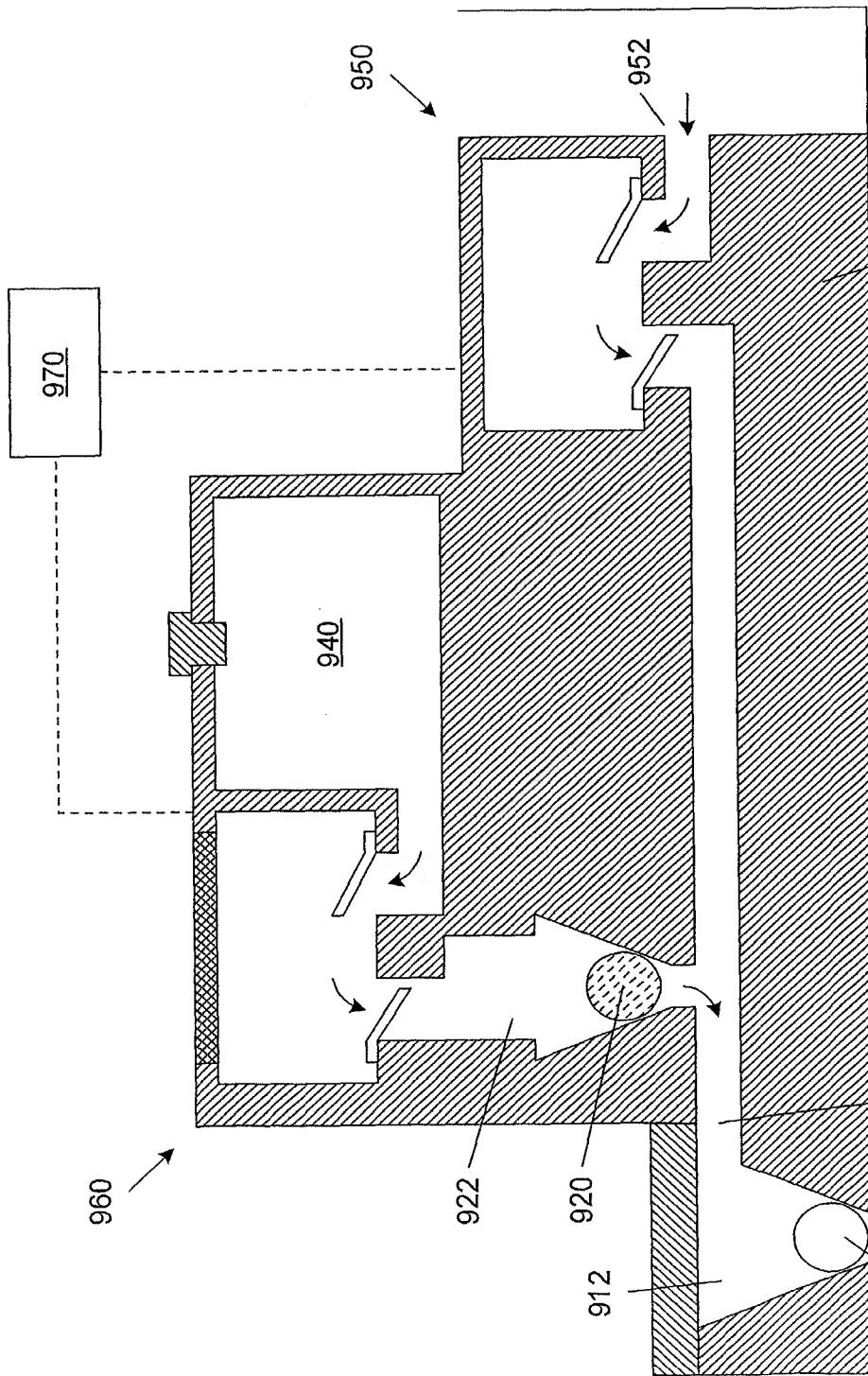
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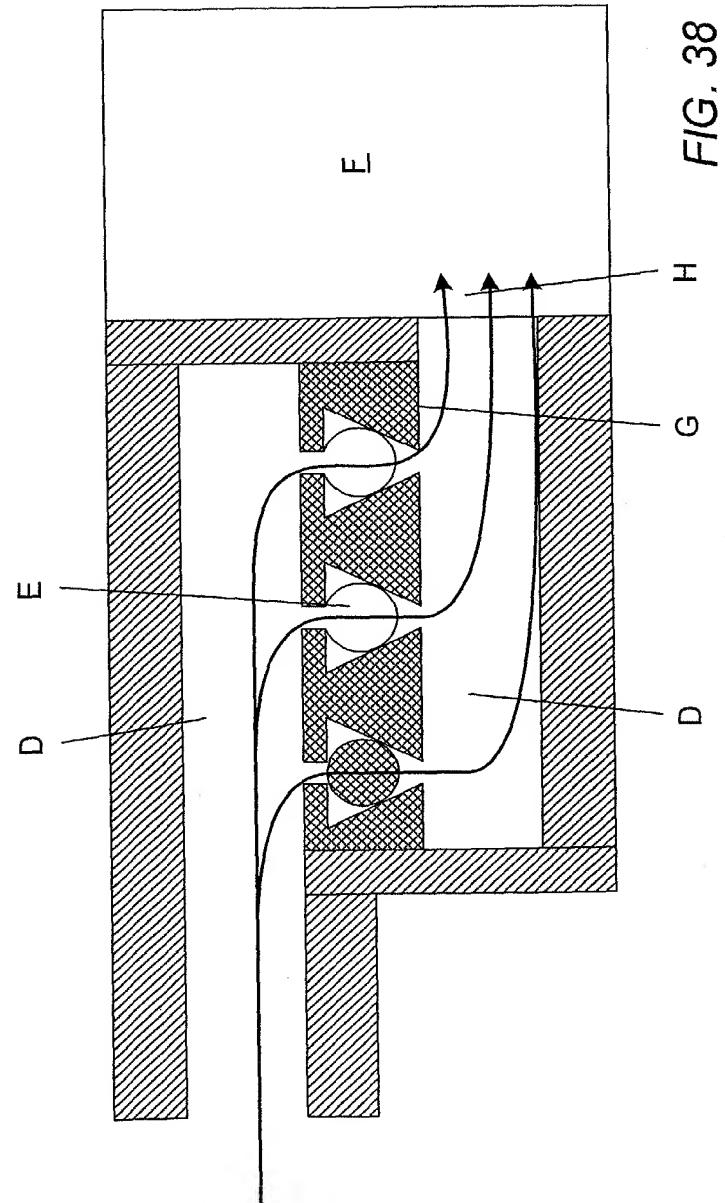
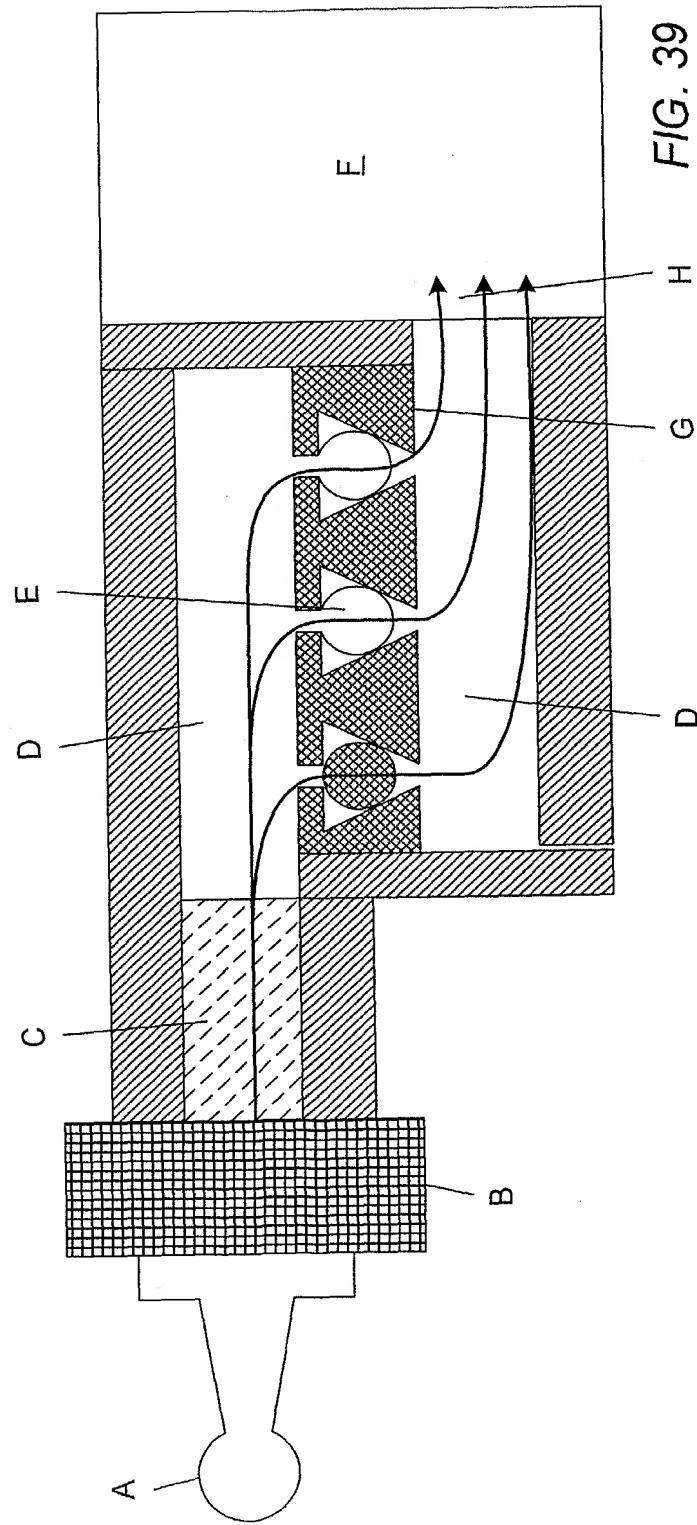


FIG. 38

FIG. 39



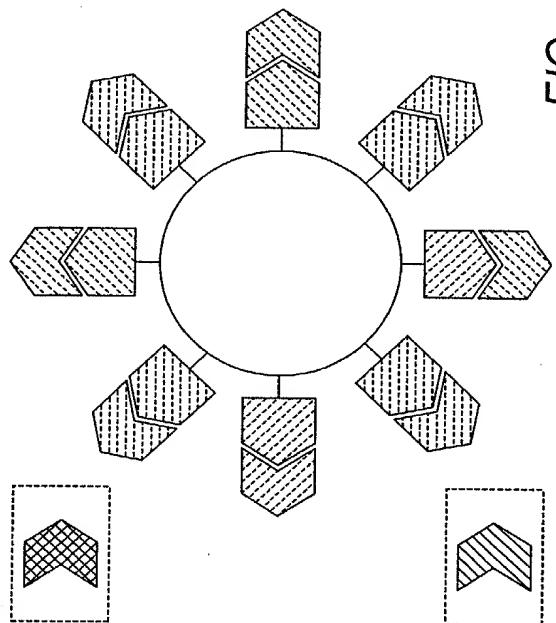


FIG. 40B

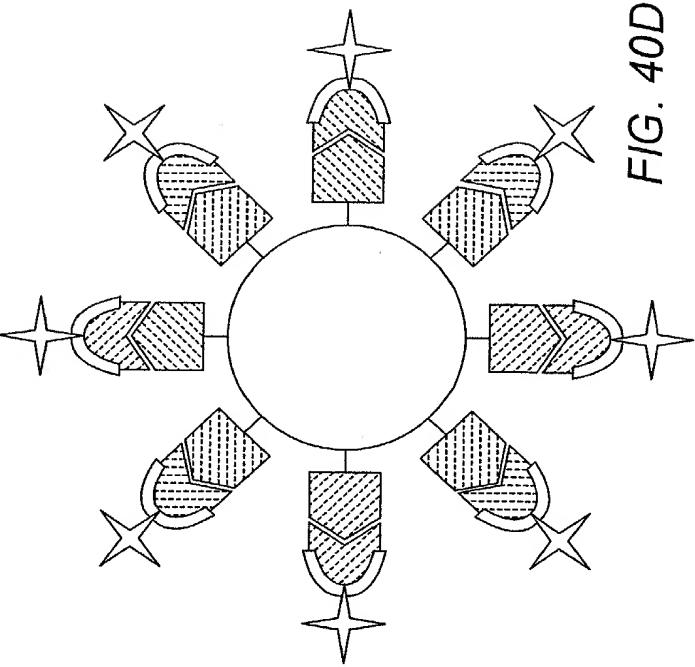
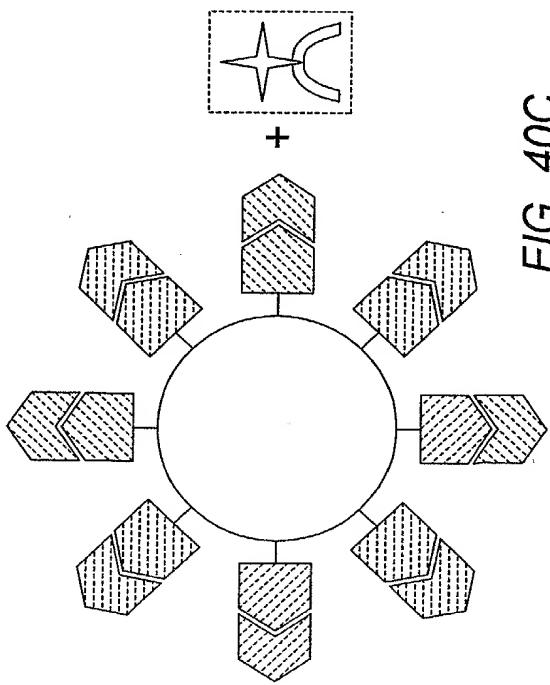


FIG. 40D



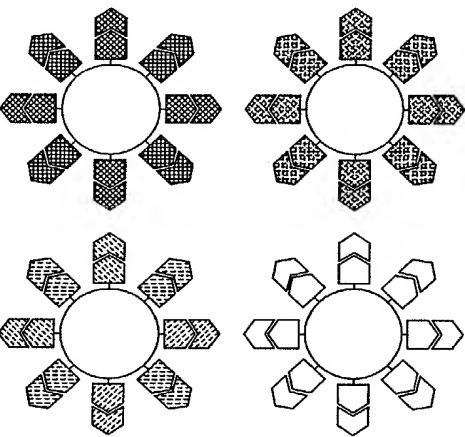


FIG. 41 B

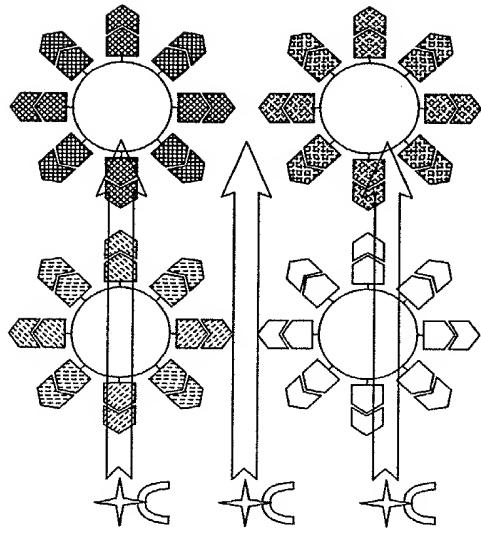
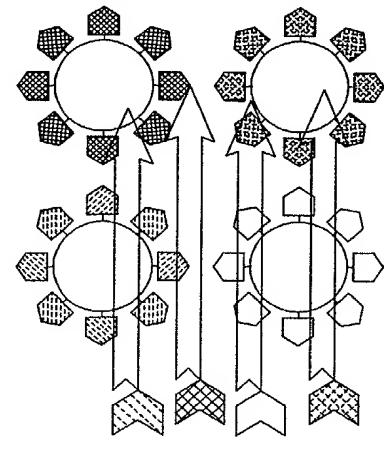
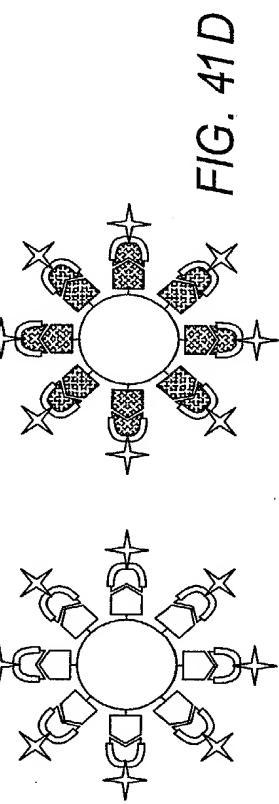
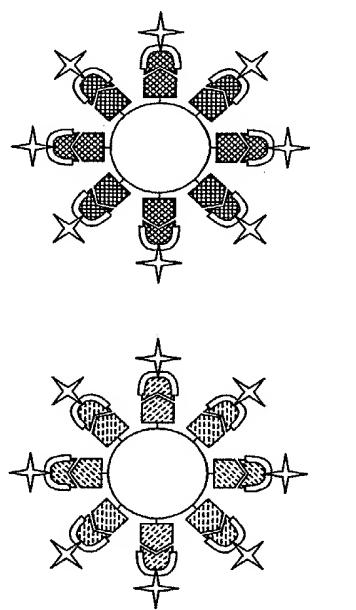
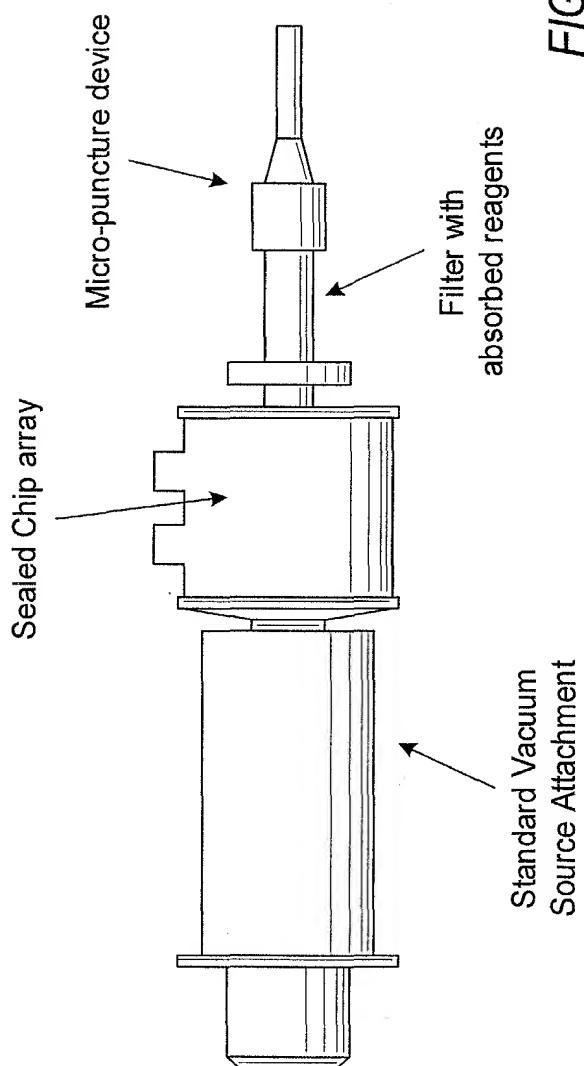


FIG. 42



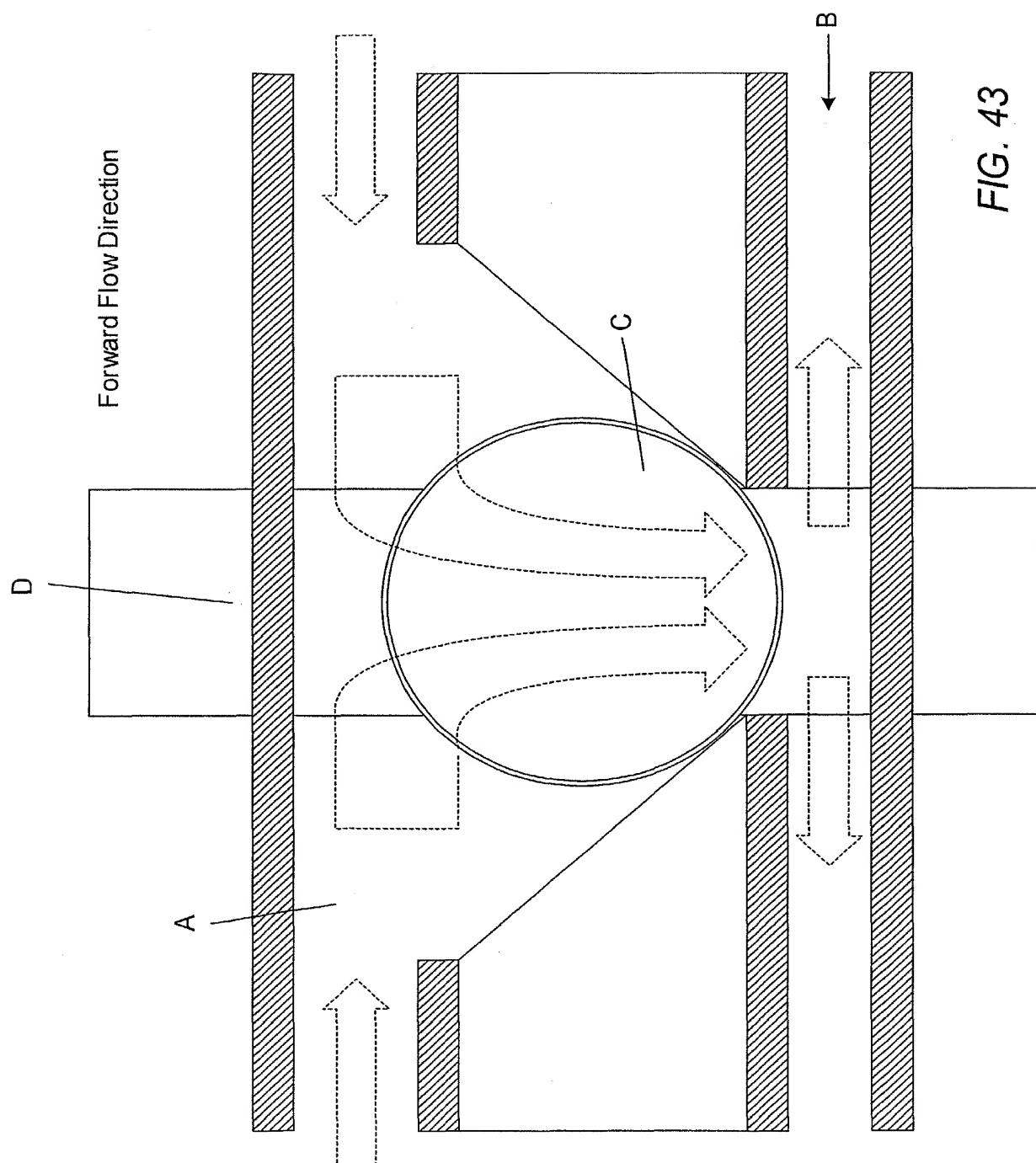
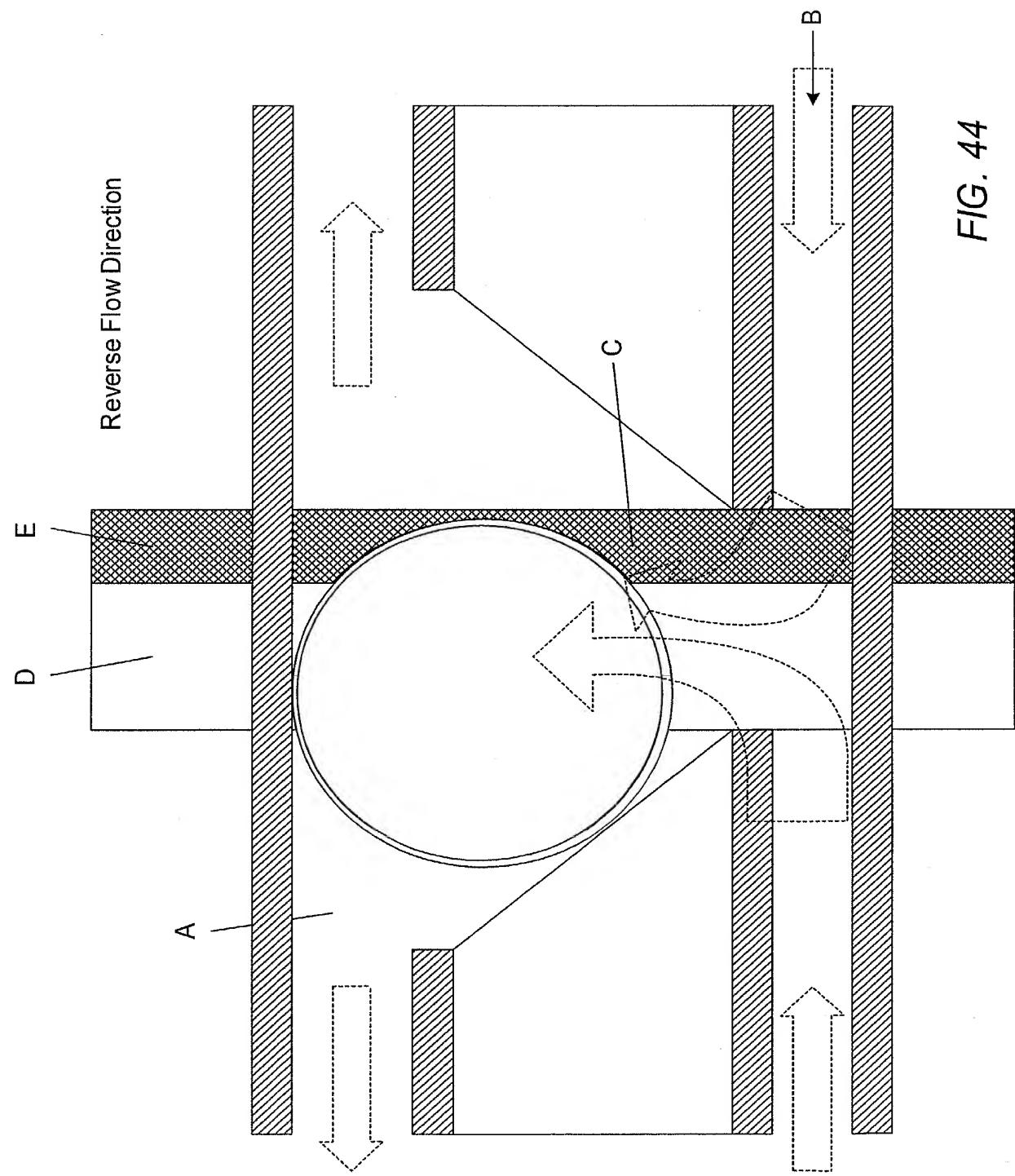


FIG. 43



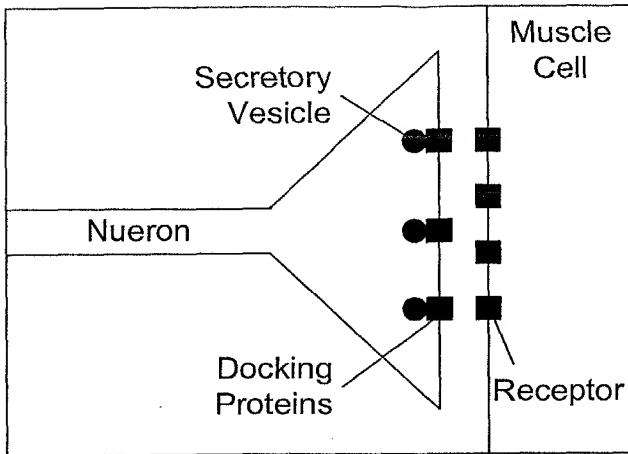


FIG. 45A

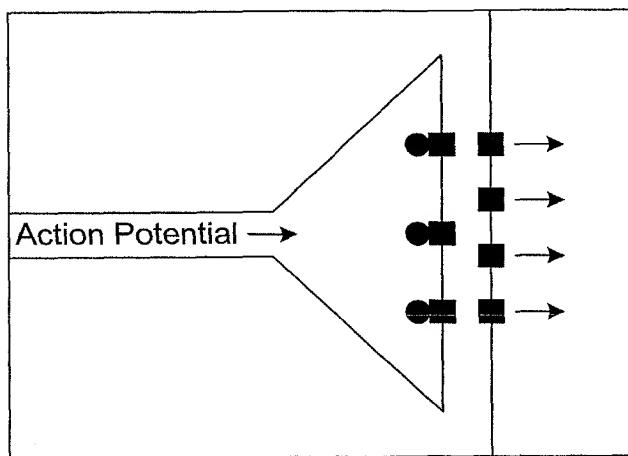


FIG. 45B

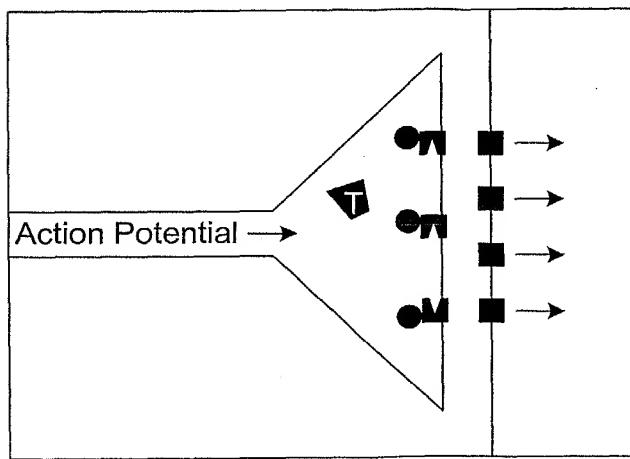


FIG. 45C

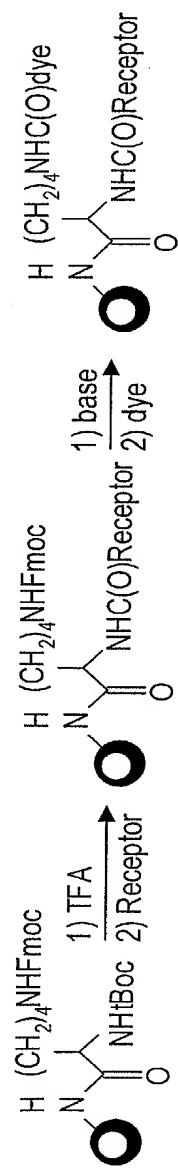


FIG. 45D

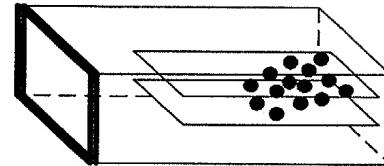


FIG. 46B

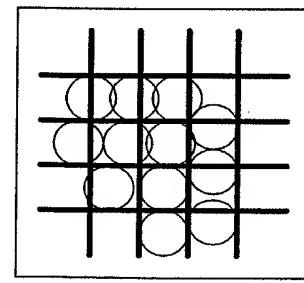


FIG. 46A

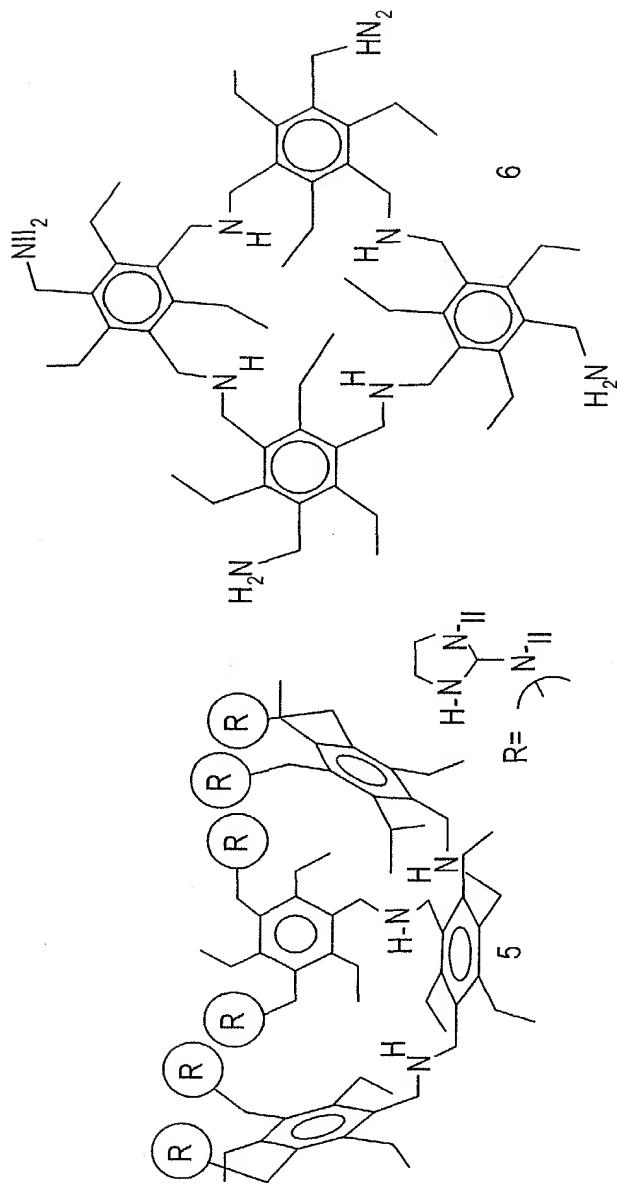
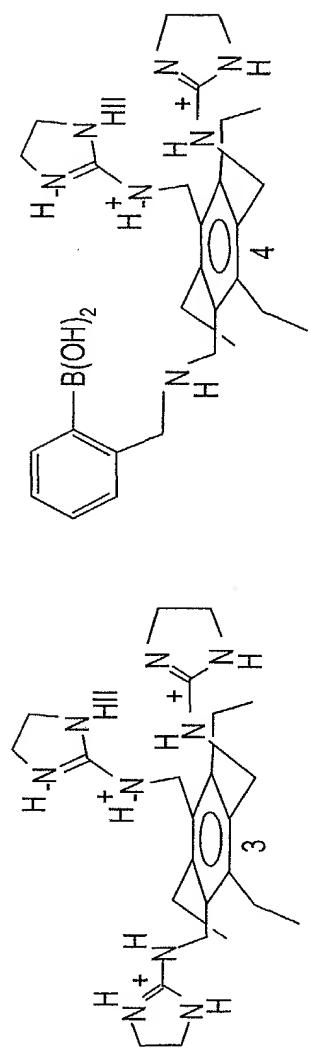


FIG. 47

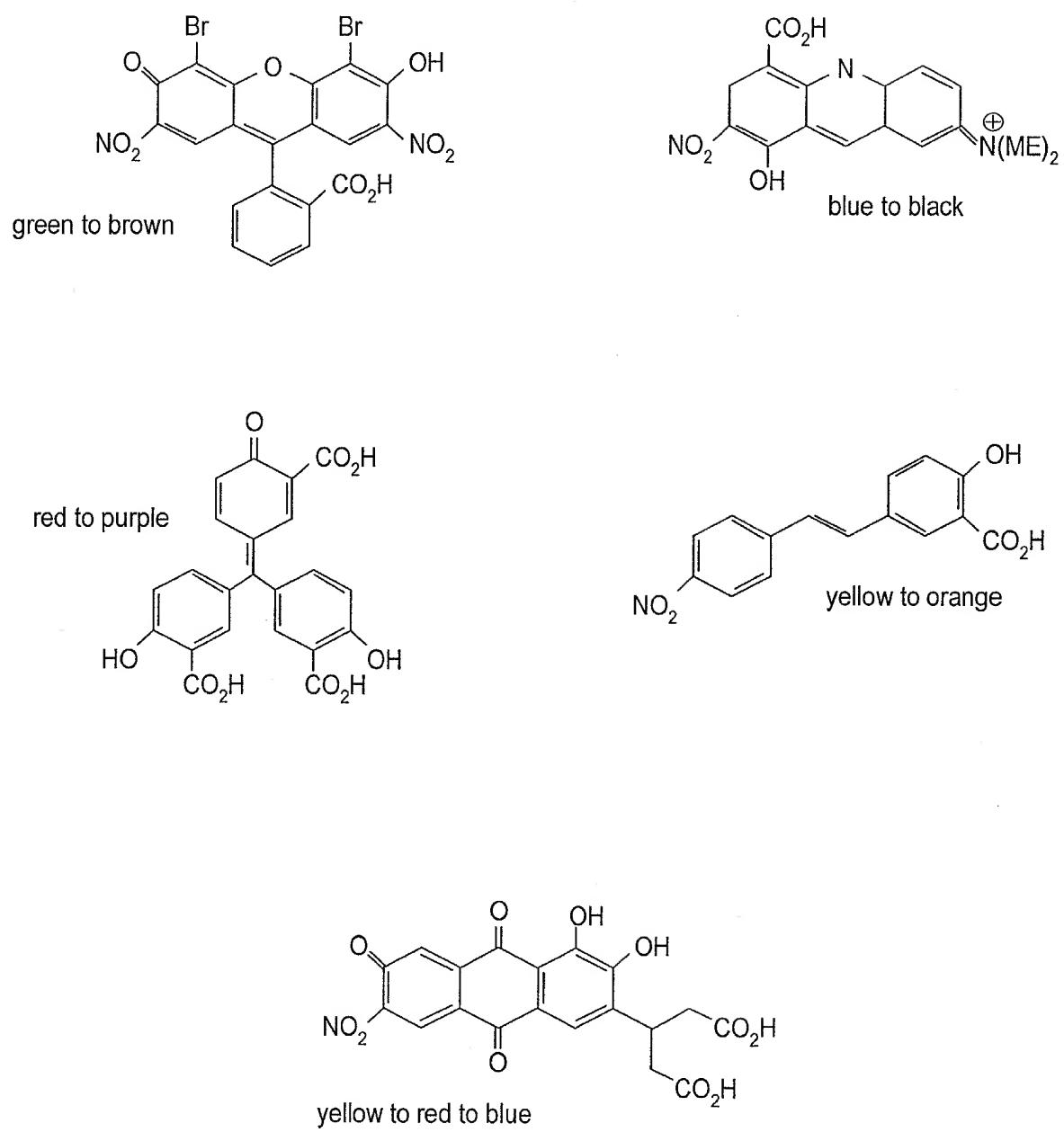


FIG. 48

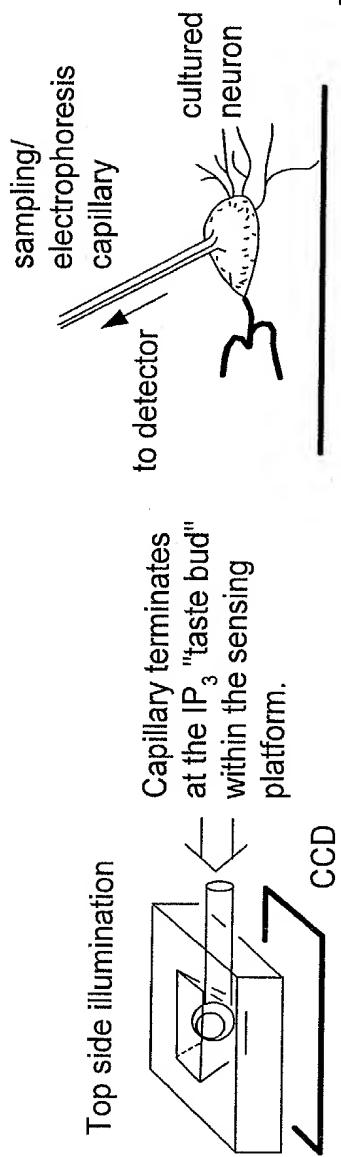


FIG. 49

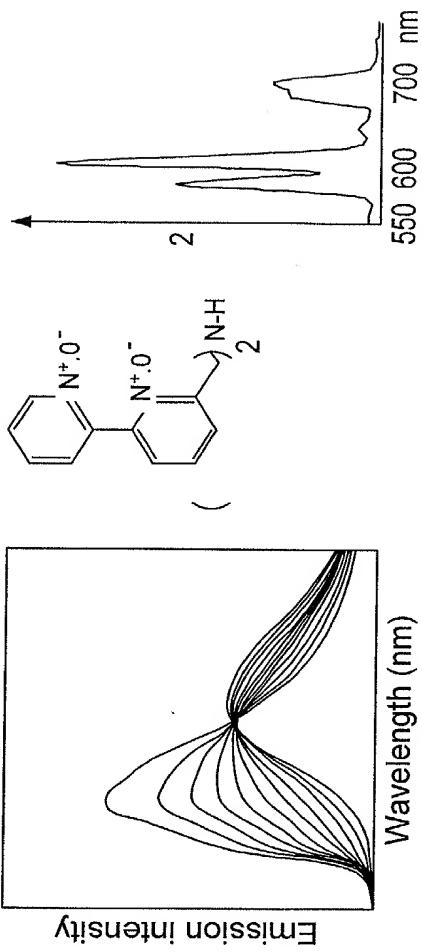
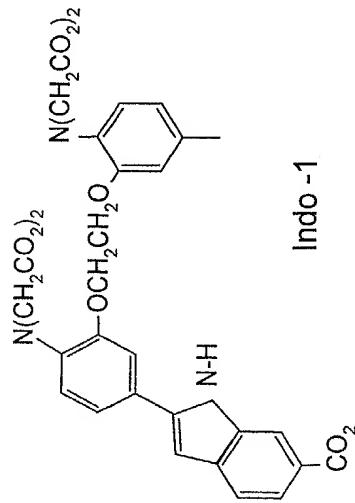


FIG. 50



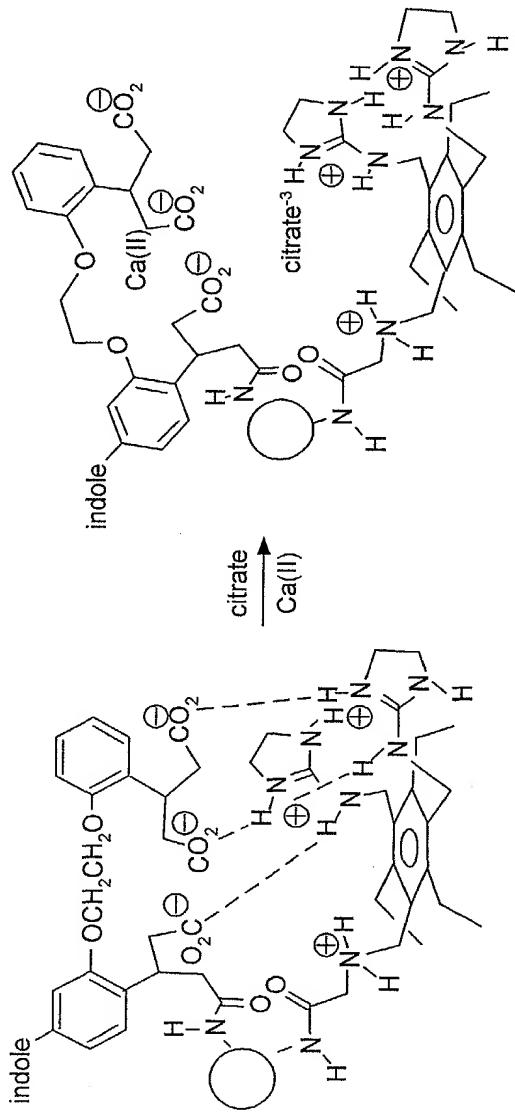


FIG. 51

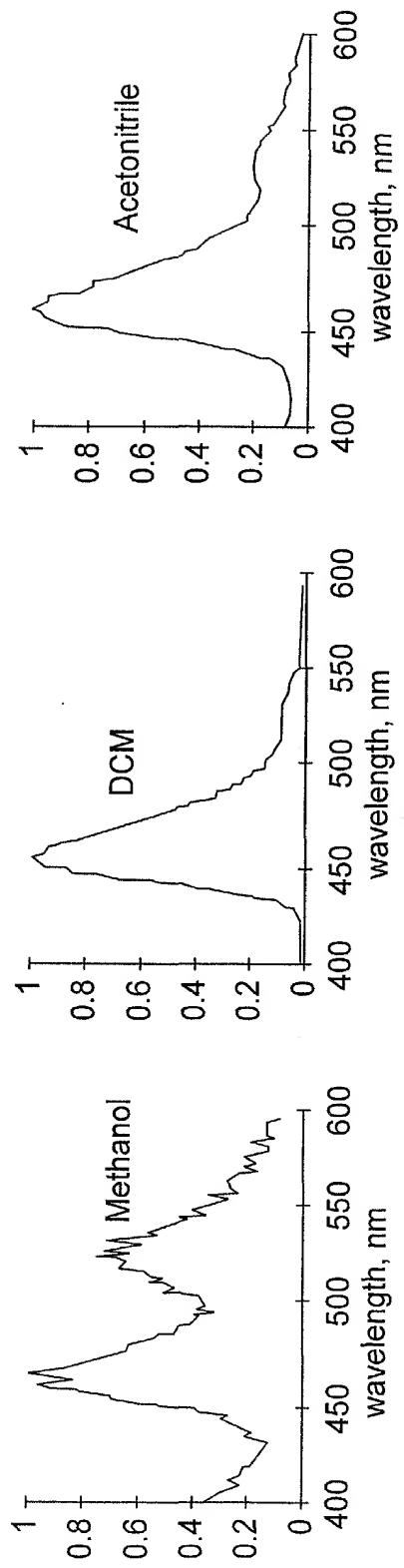


FIG. 52

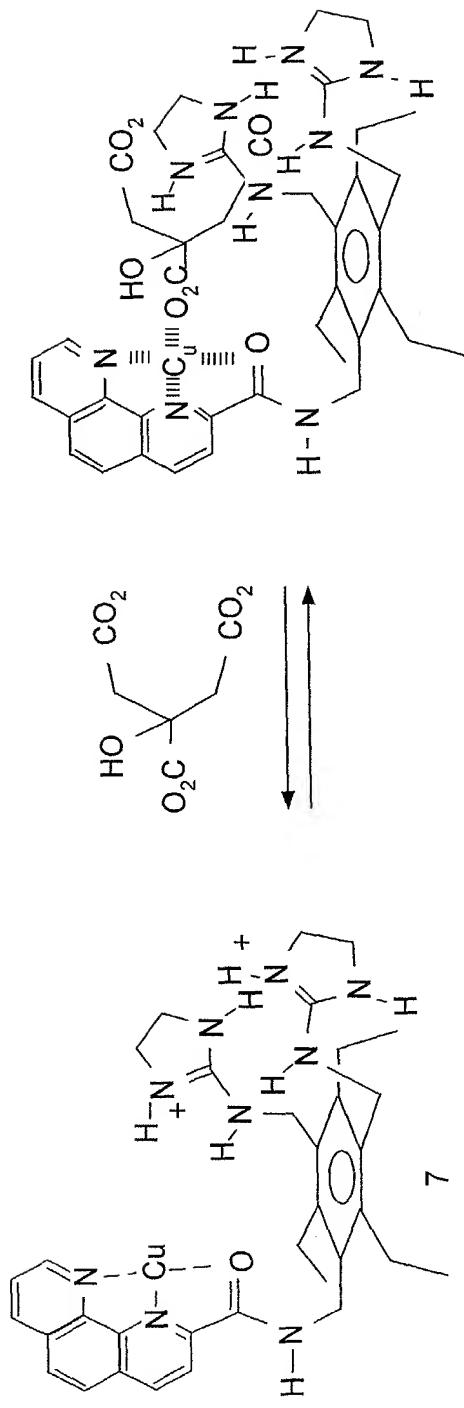
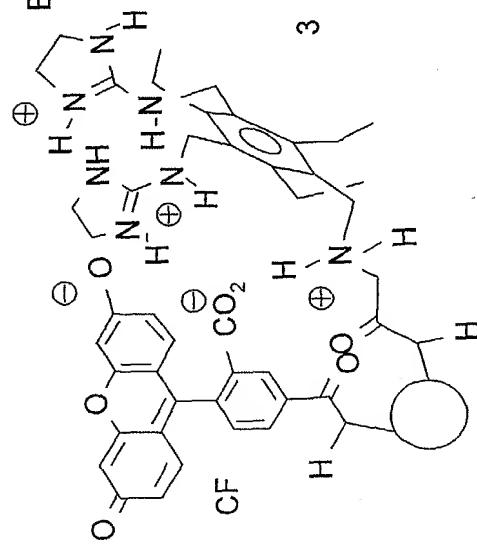
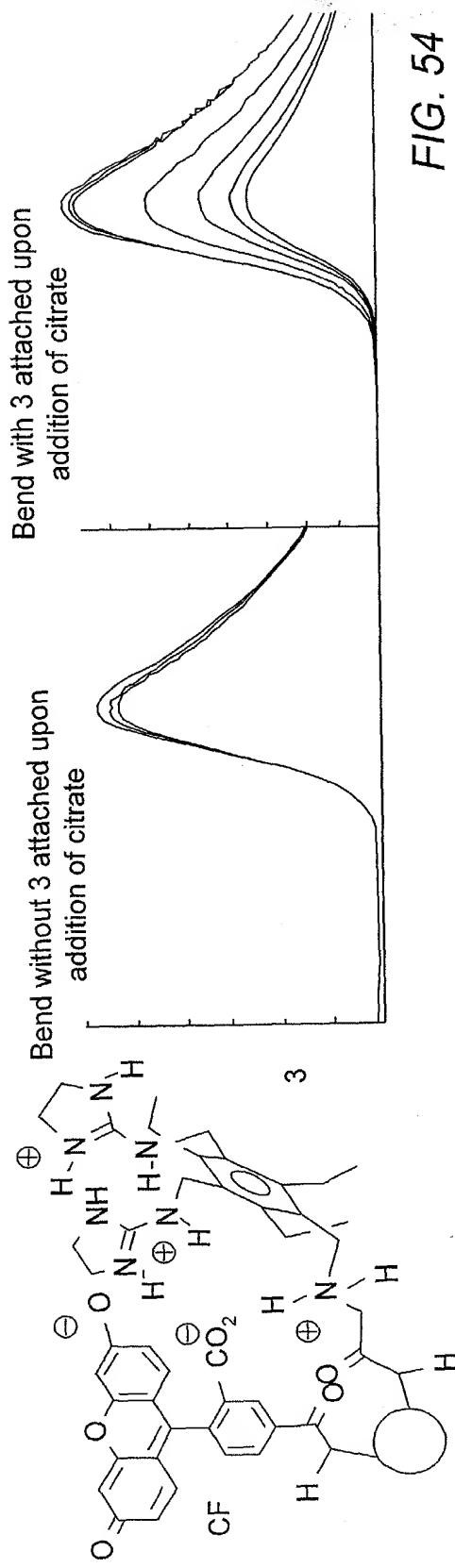


FIG. 53



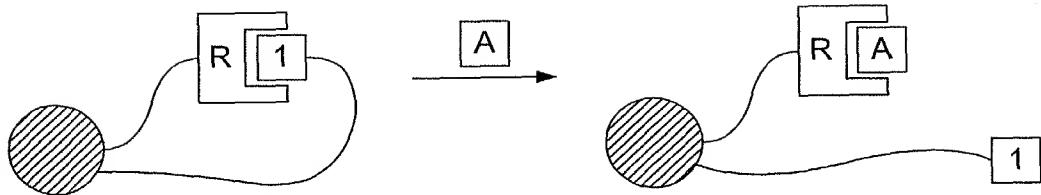


FIG. 55A

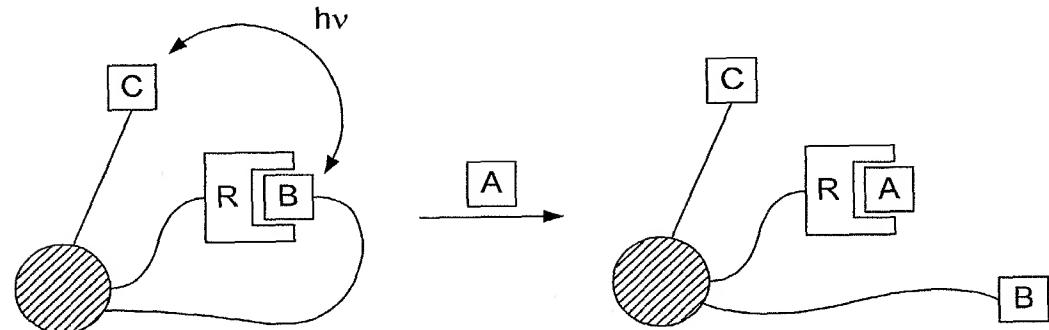


FIG. 55B

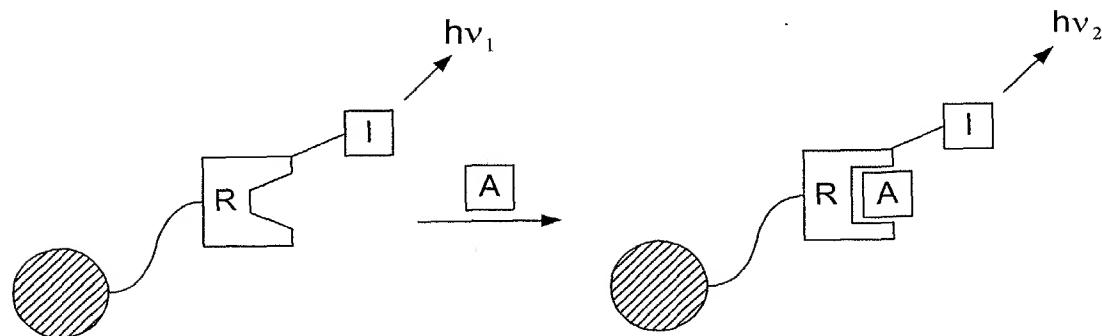


FIG. 55C

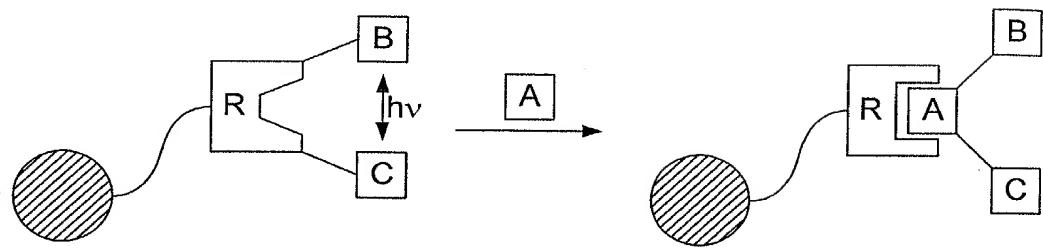


FIG. 55D

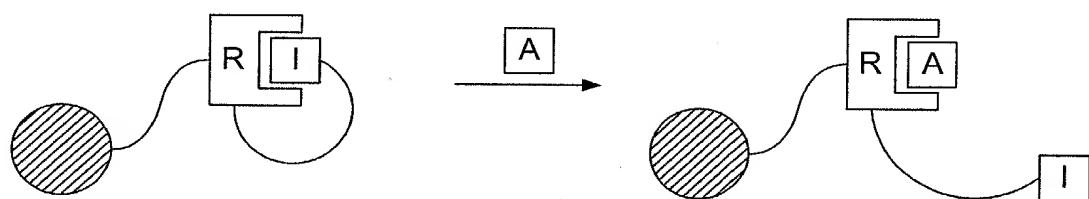


FIG. 55E

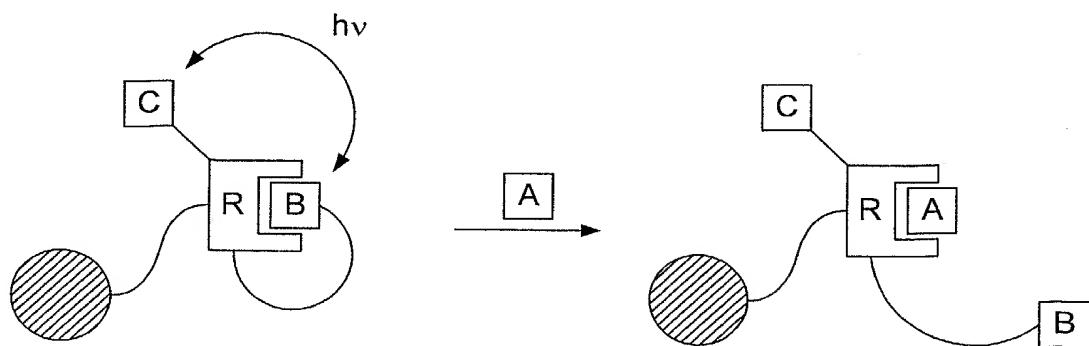


FIG. 55F

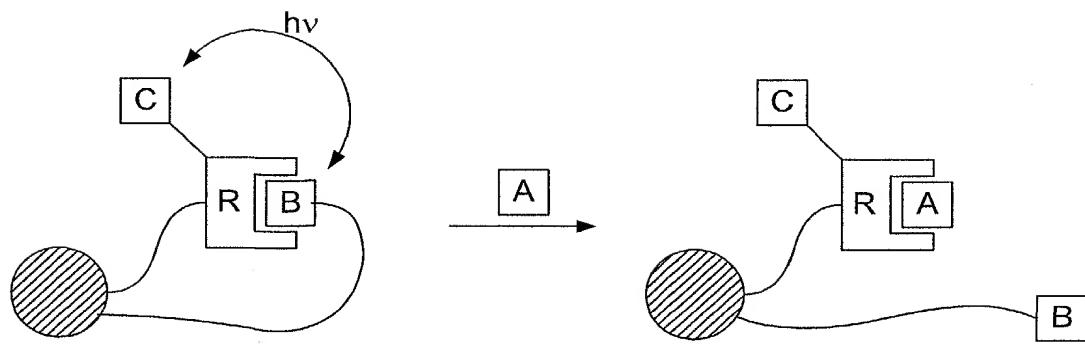


FIG. 55G

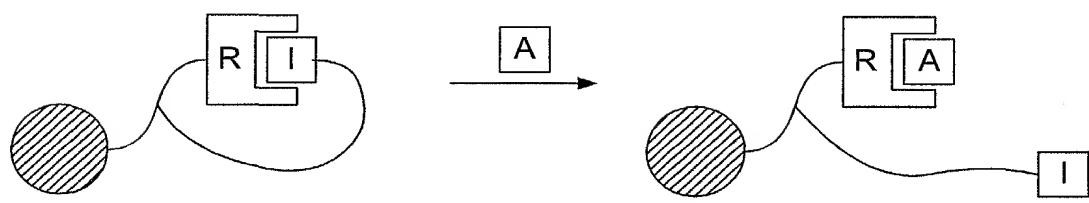


FIG. 55H

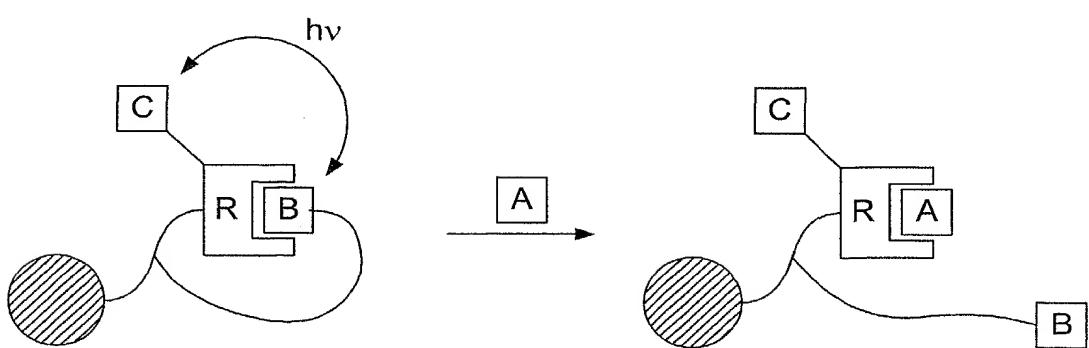


FIG. 55I

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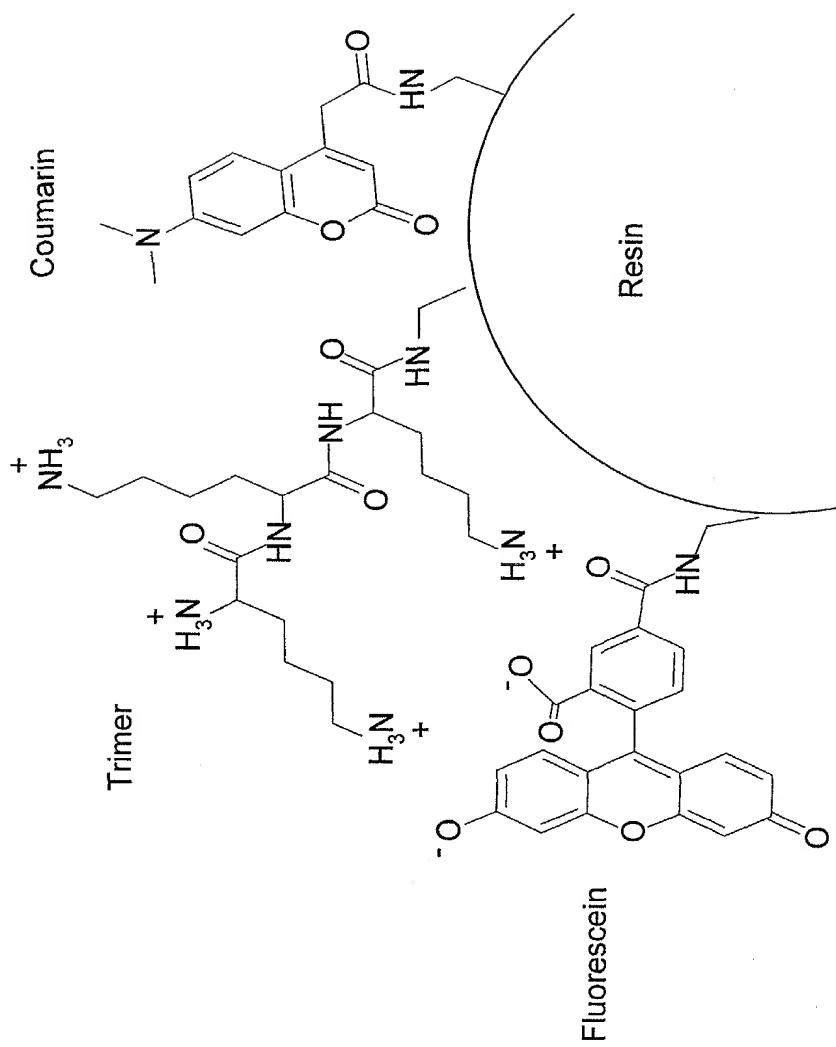


FIG. 56

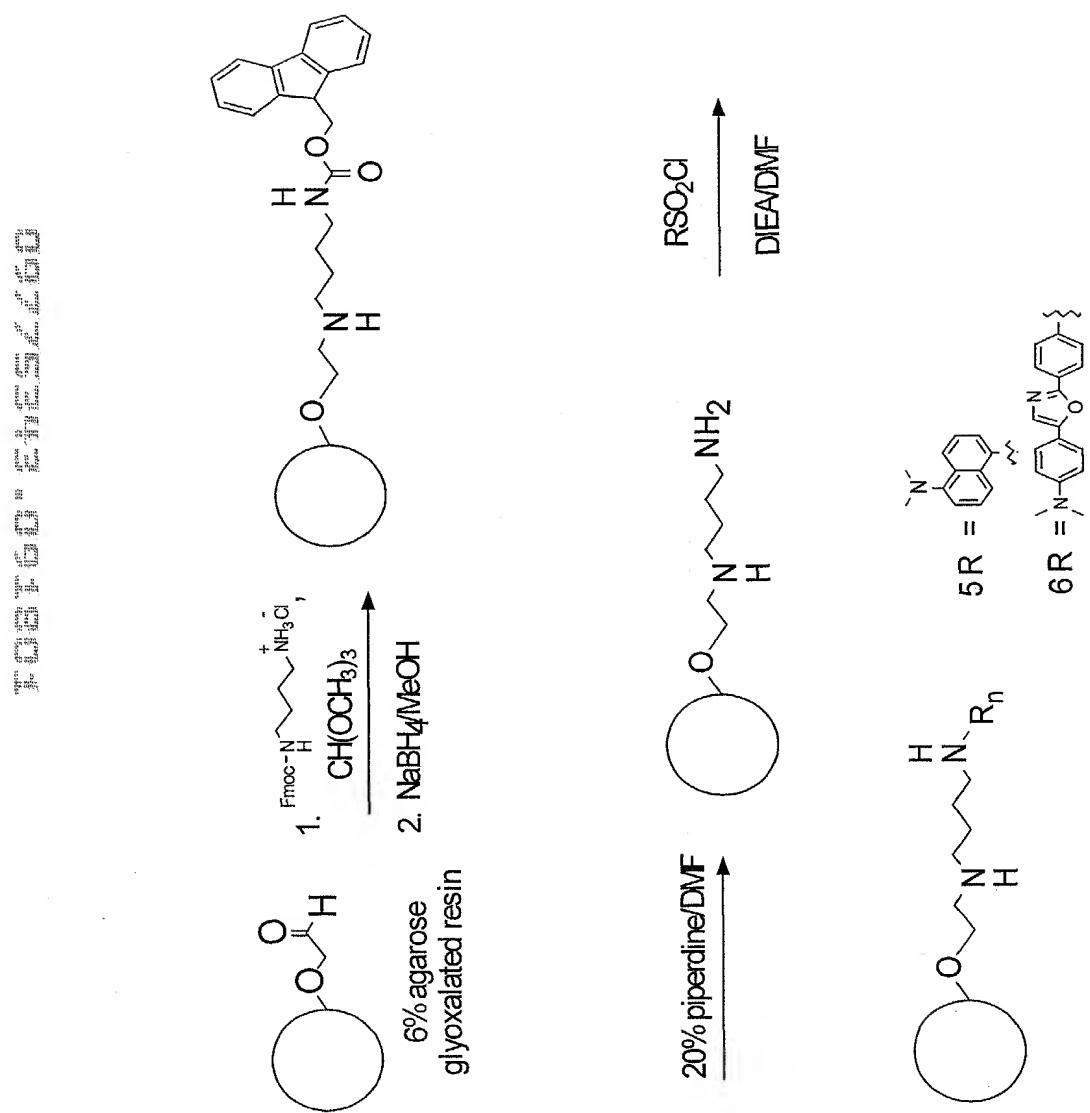


FIG. 57

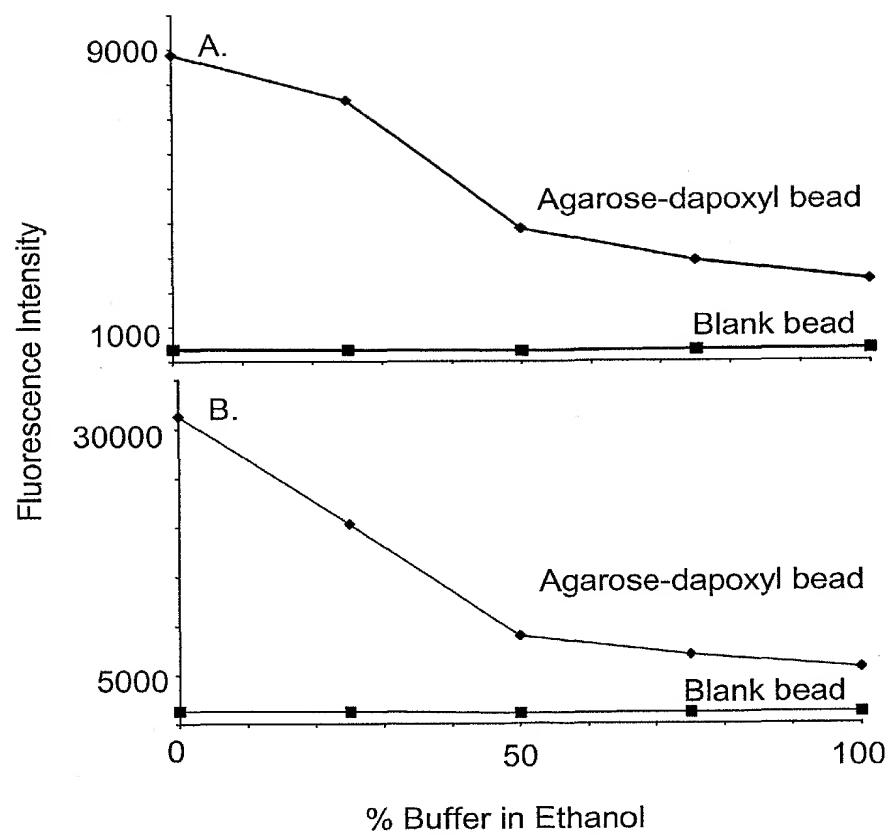


FIG. 58

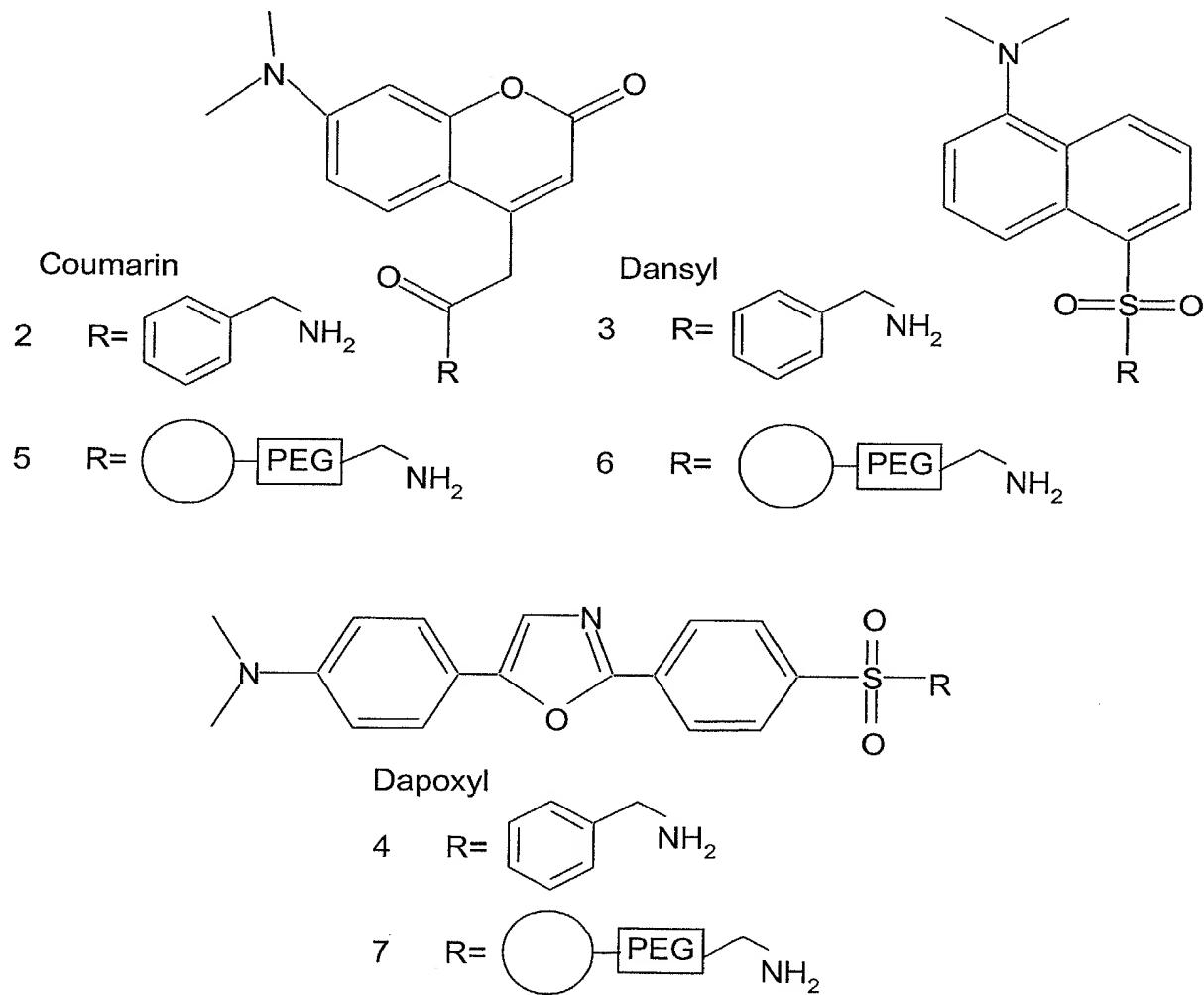


FIG. 59

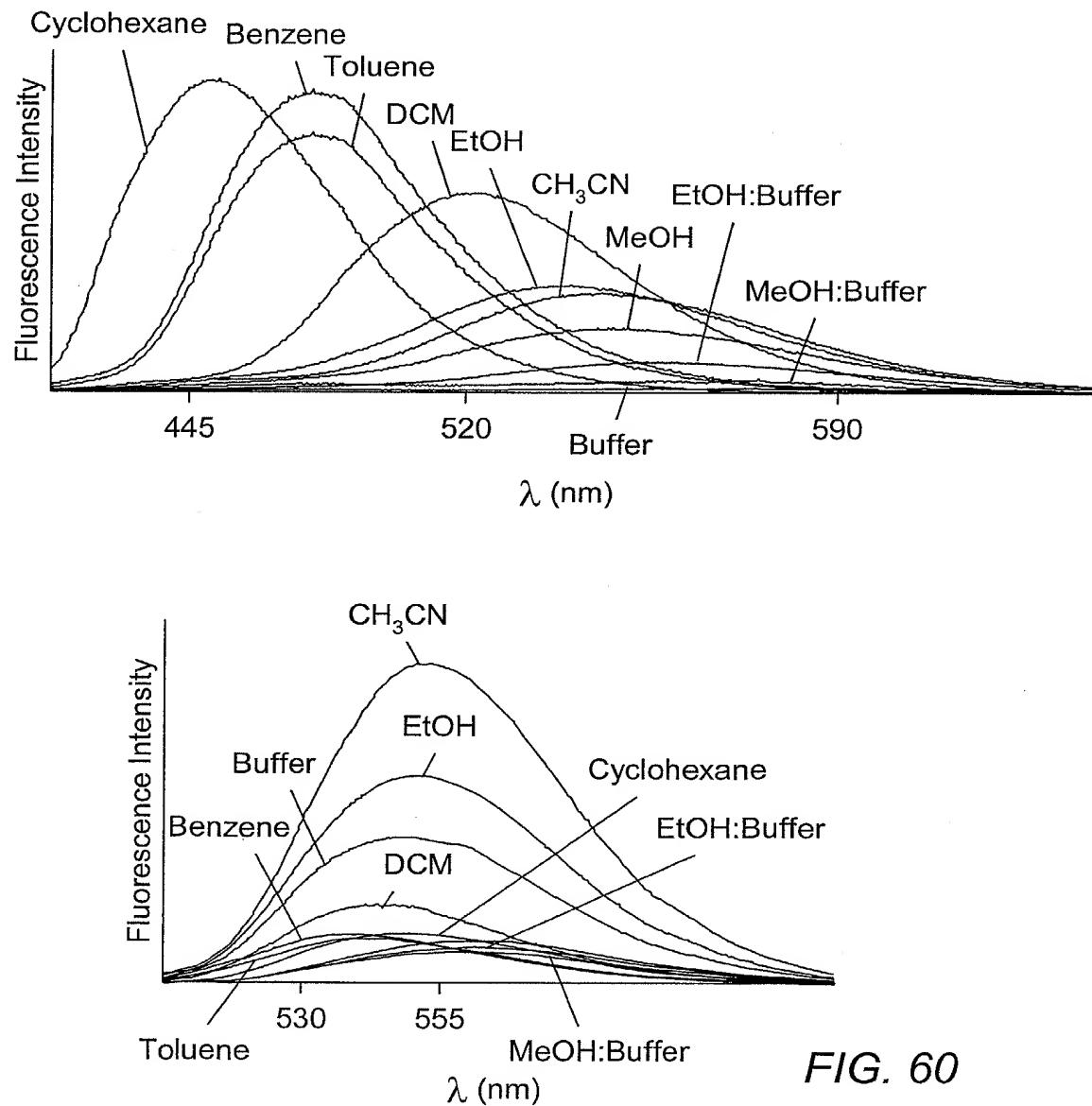


FIG. 60

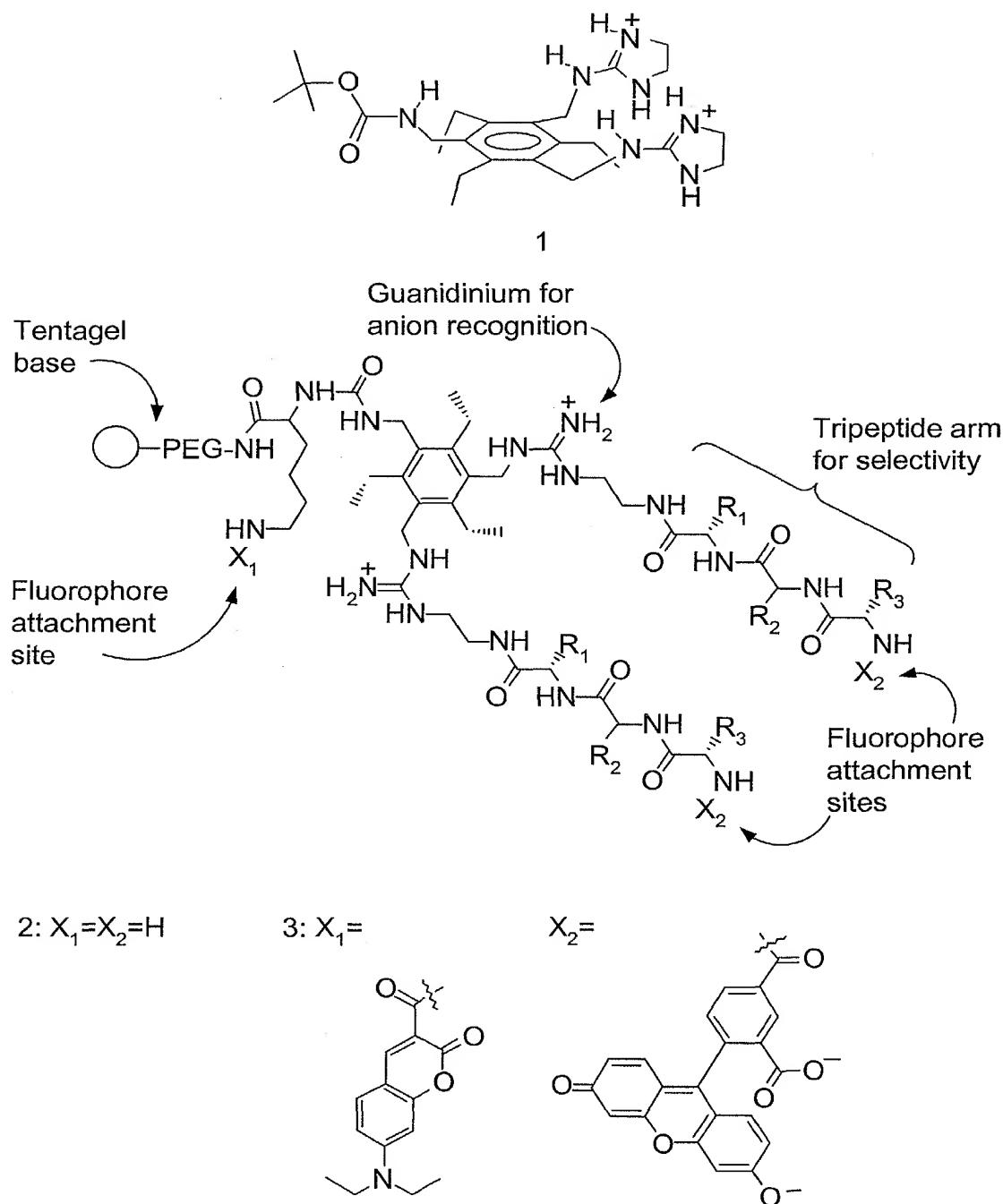


FIG. 61

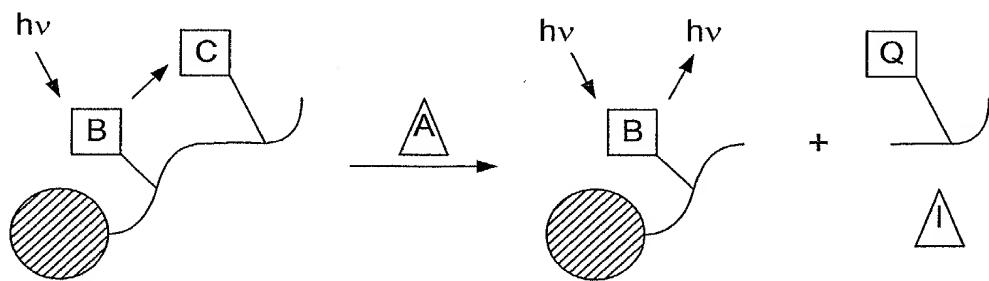


FIG. 62A

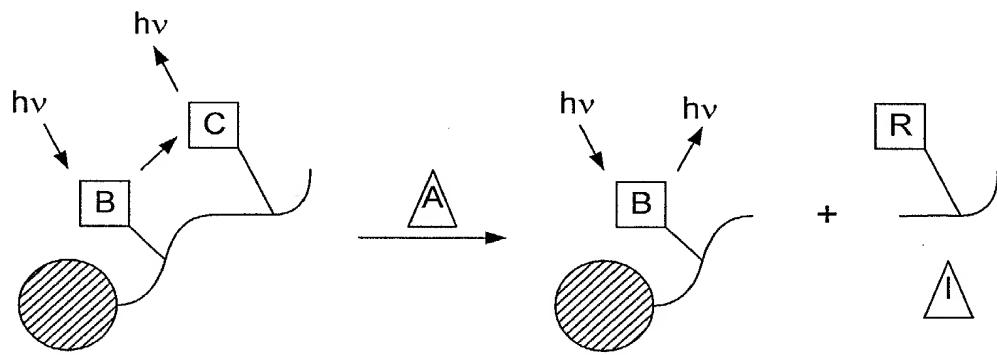


FIG. 62B

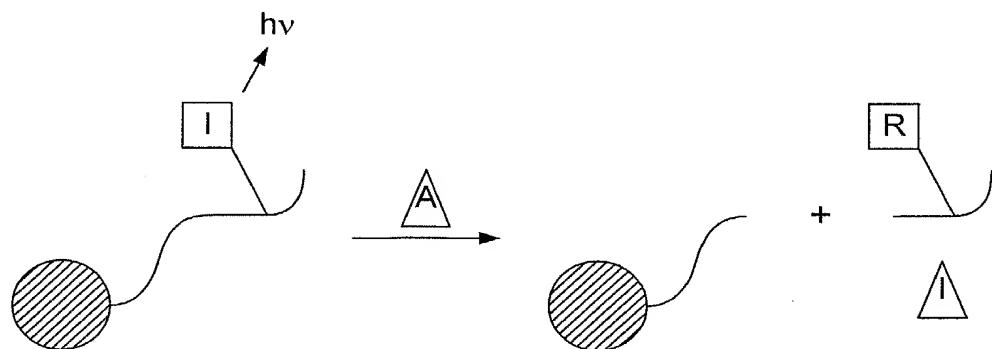


FIG. 62C

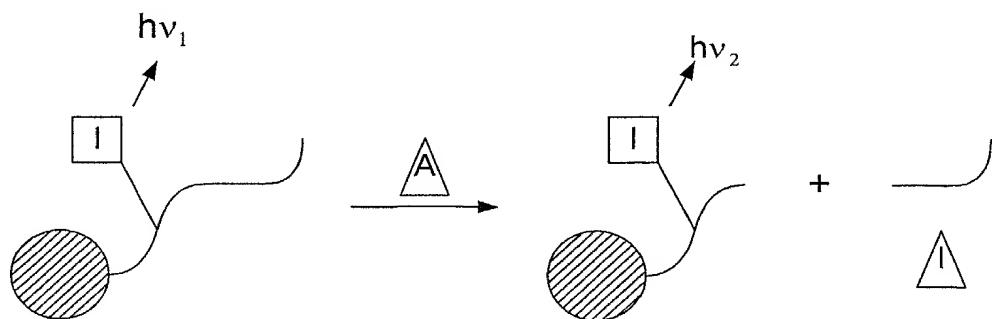


FIG. 62D

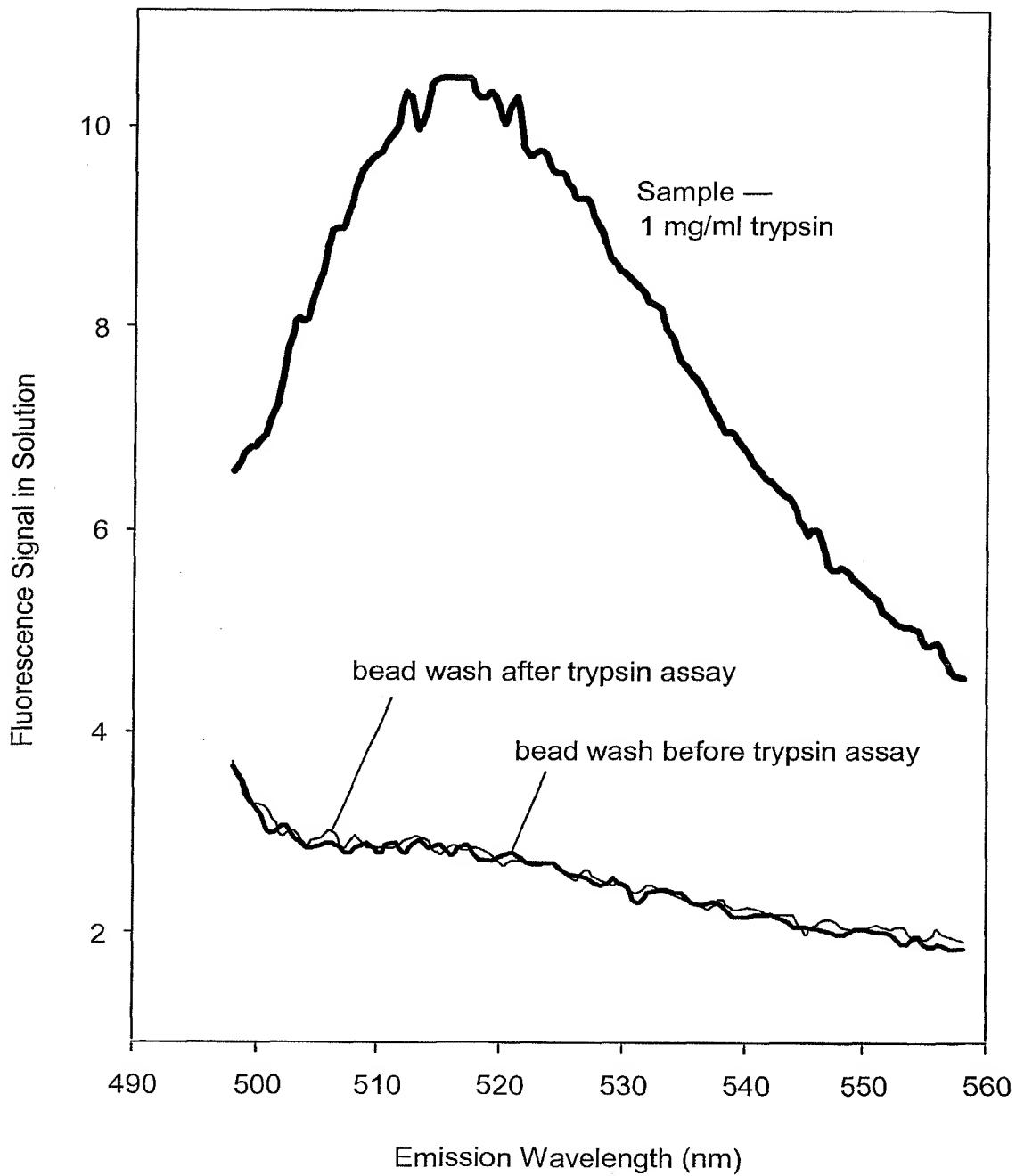


FIG. 63

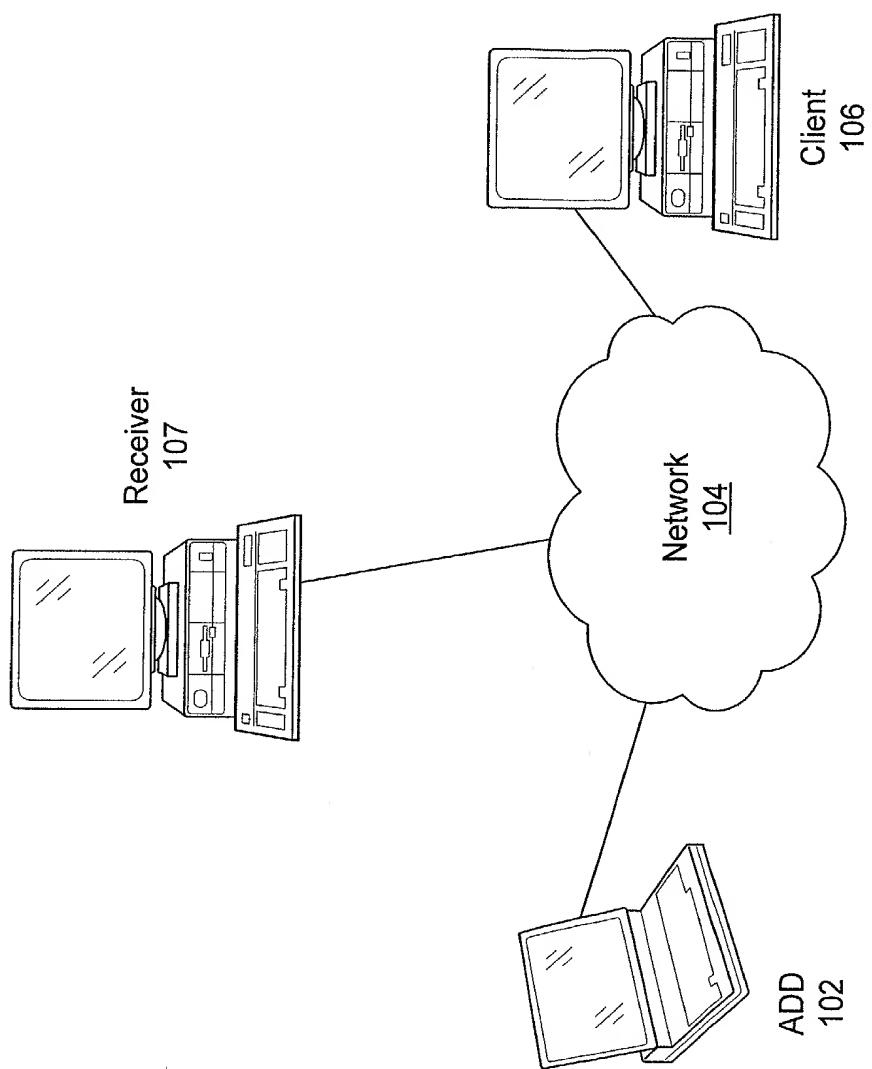


FIG. 64

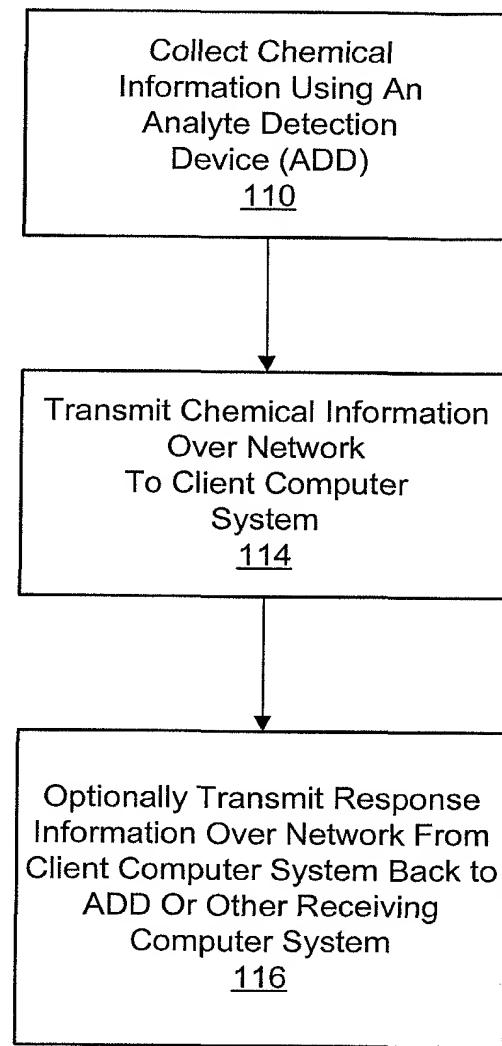


FIG. 65

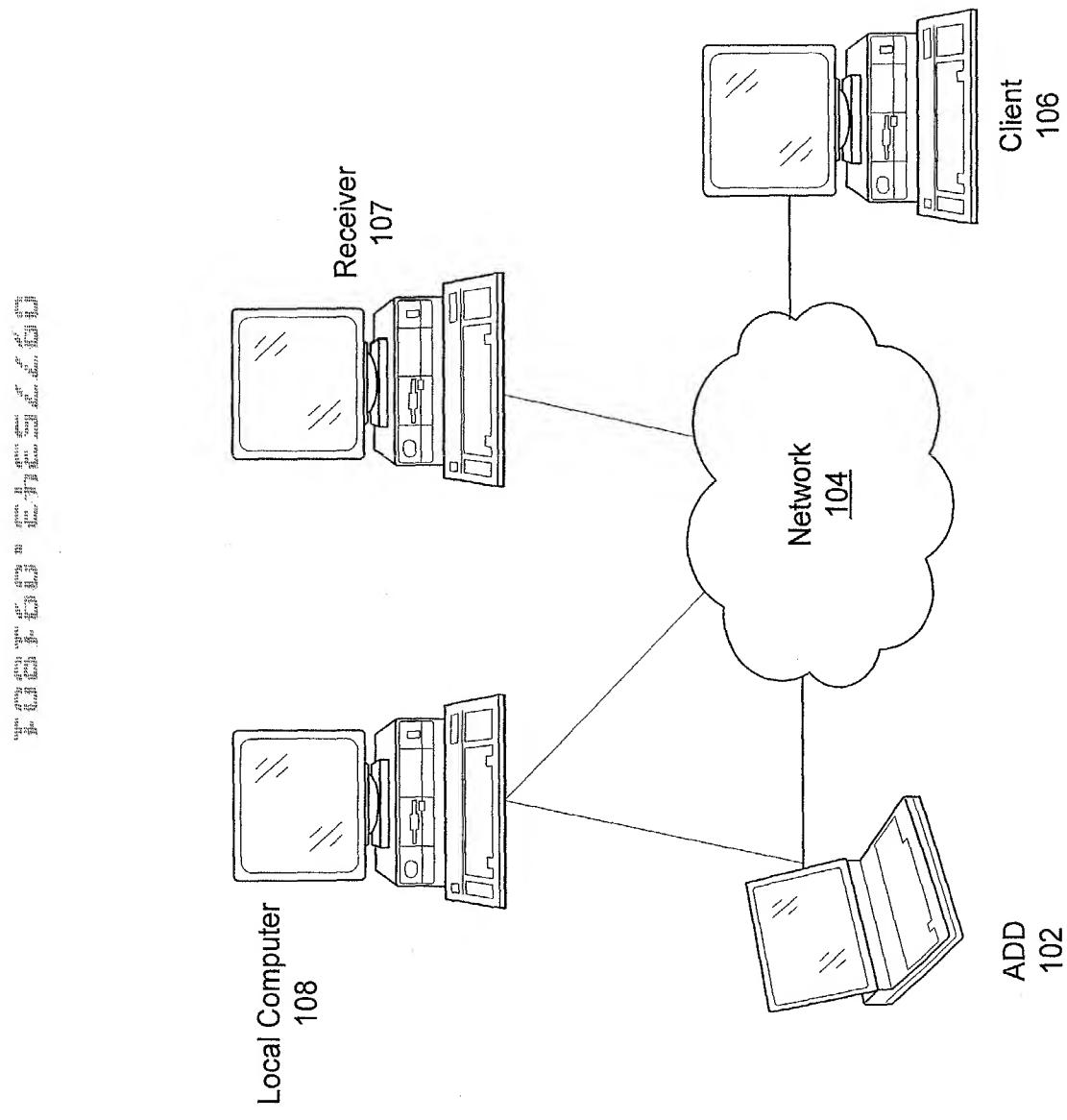


FIG. 66

P. 123 345 678 901 234 567 890

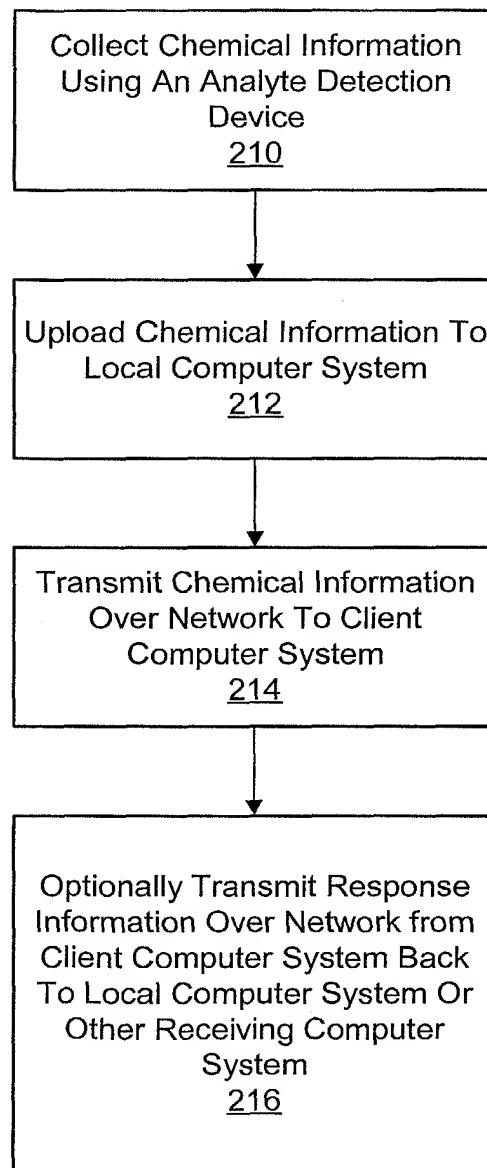


FIG. 67

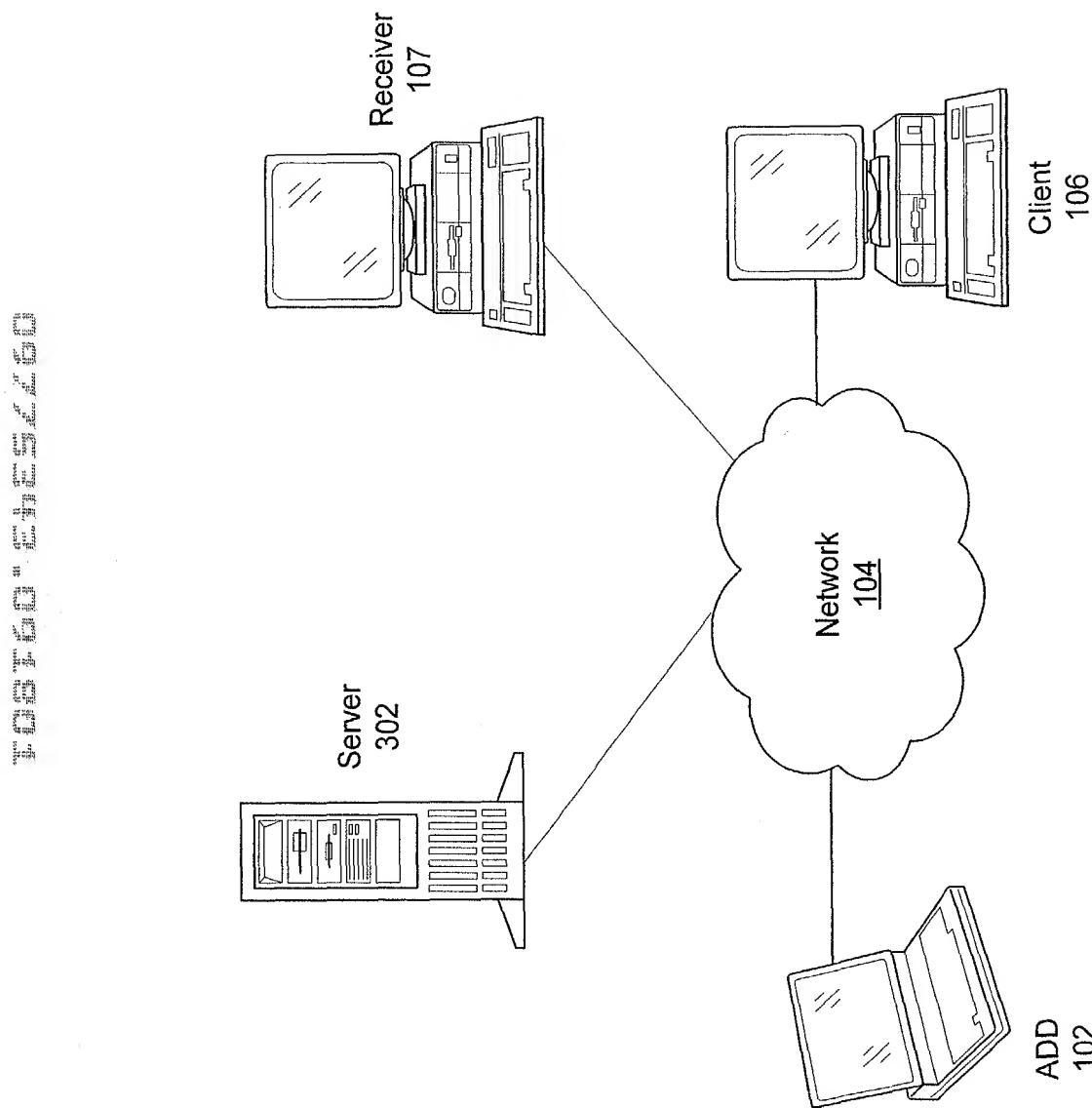


FIG. 68

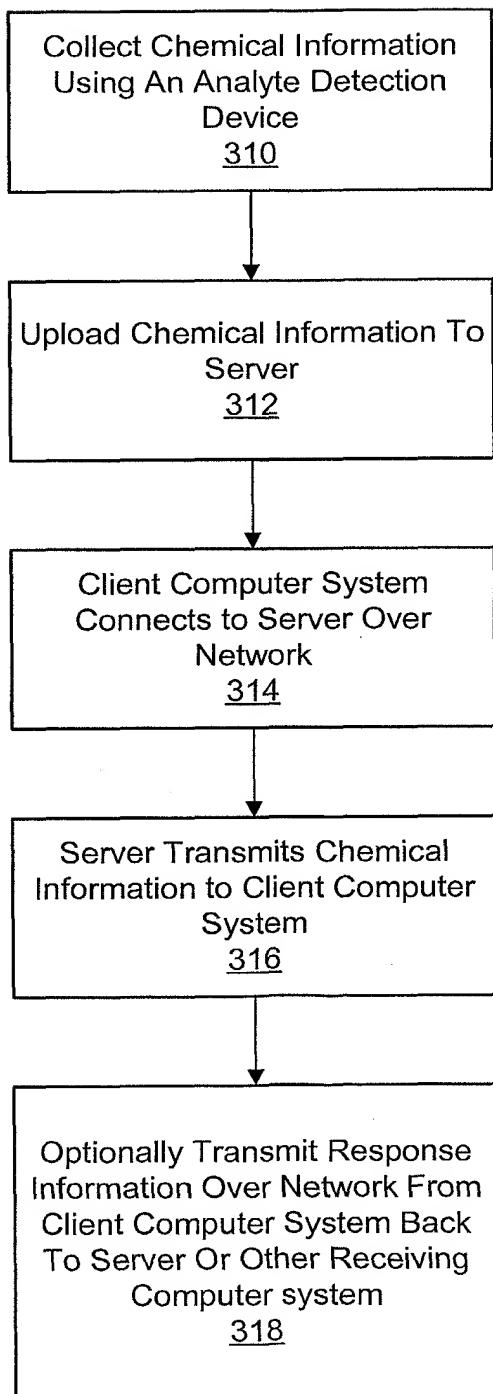


FIG. 69

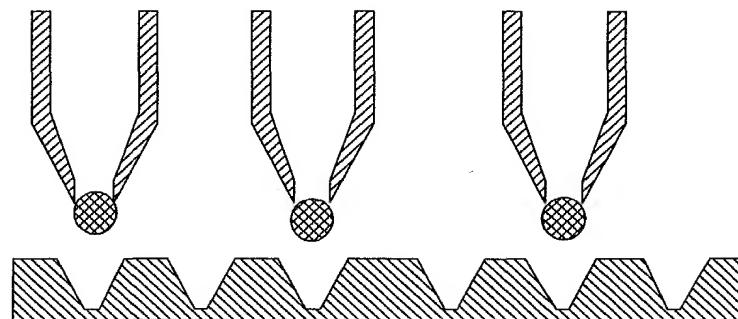


FIG. 70A

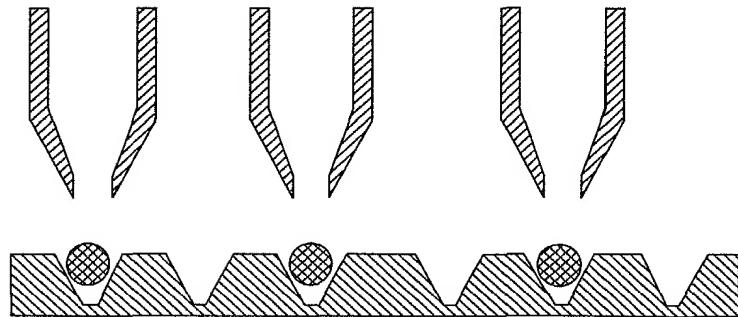


FIG. 70B

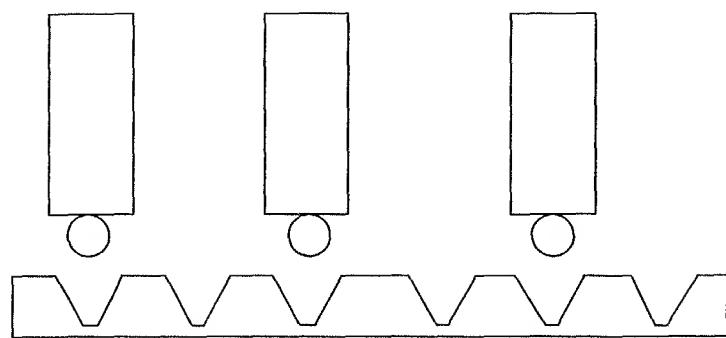


FIG. 71A

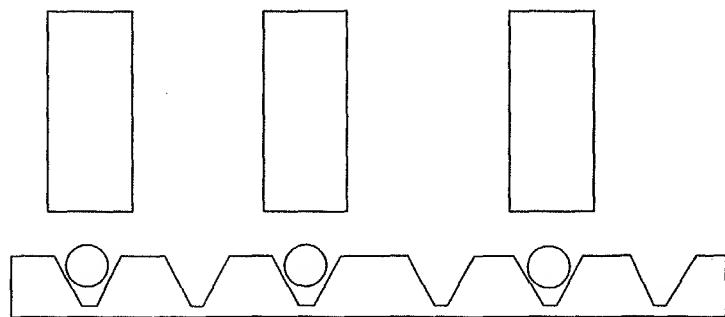


FIG. 71B

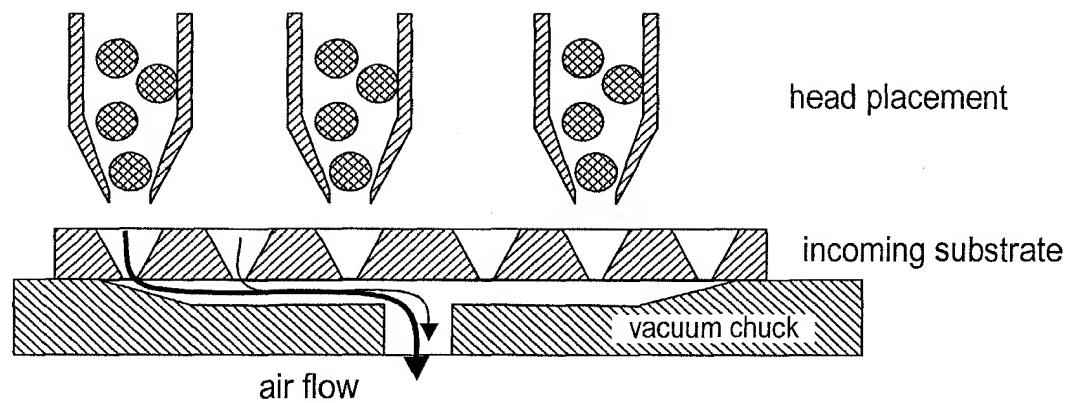


FIG. 72A

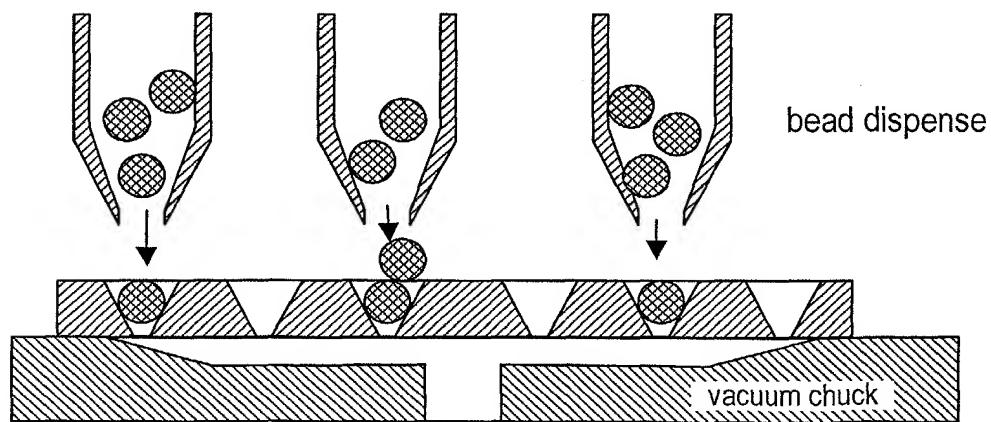


FIG. 72B

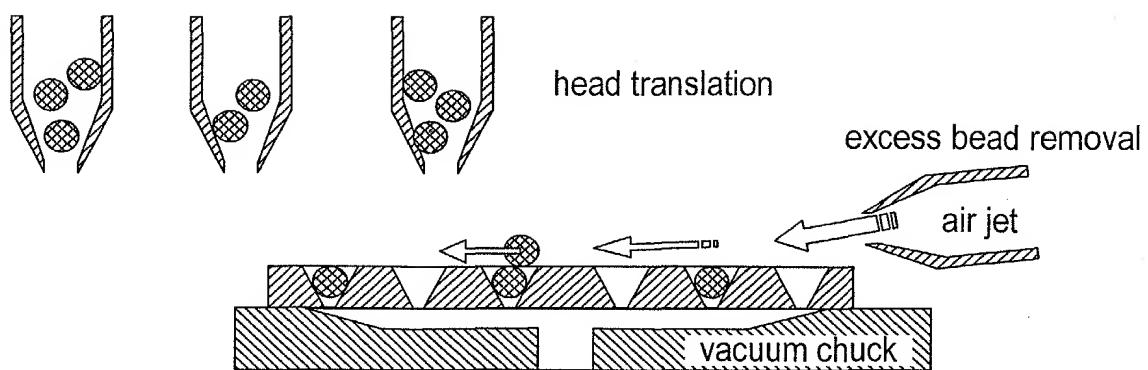


FIG. 72C

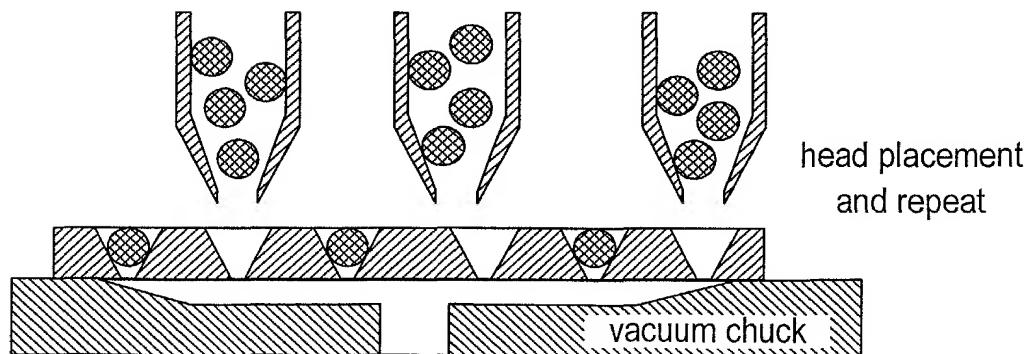


FIG. 72D

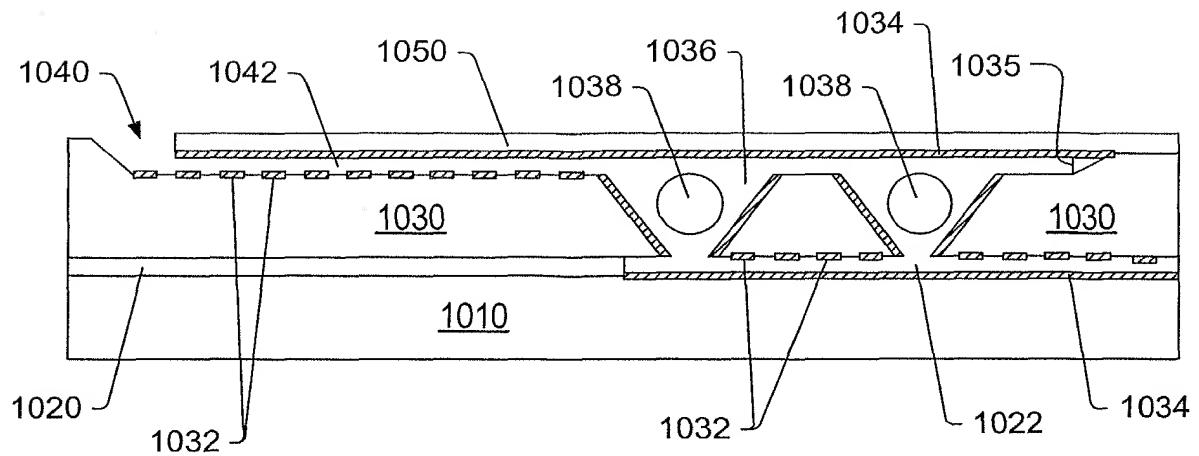


FIG. 73

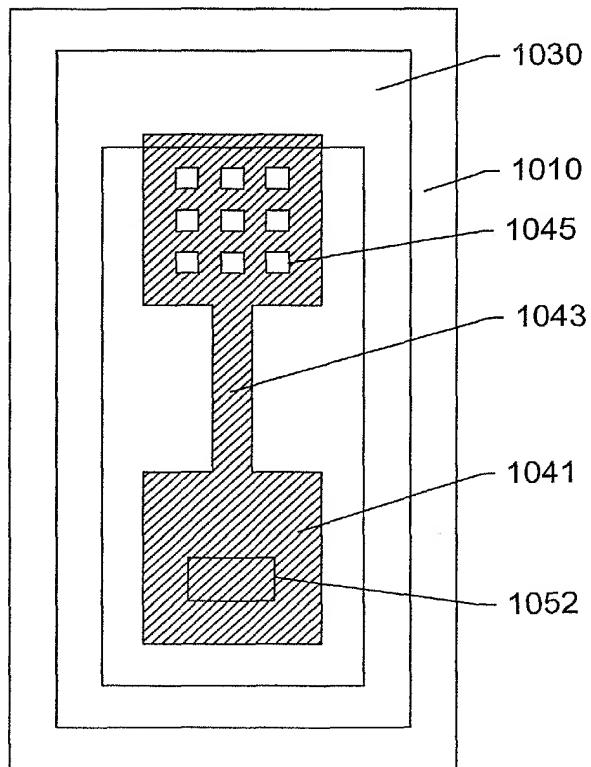


FIG. 74A

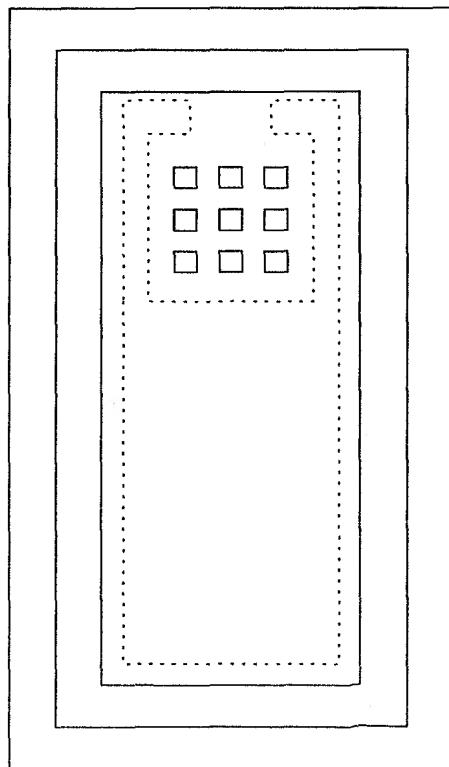


FIG. 74B

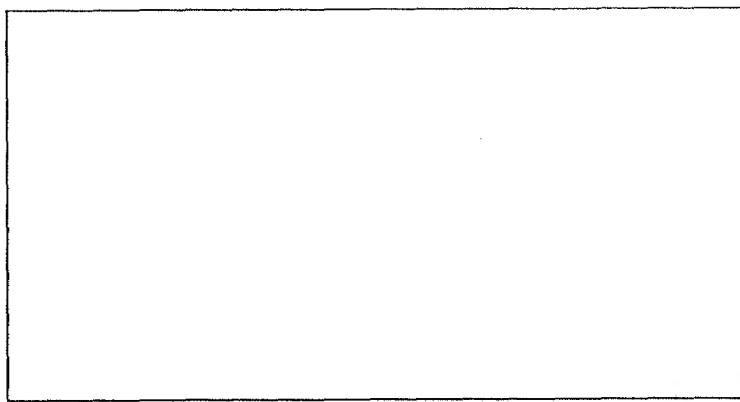


FIG. 75D

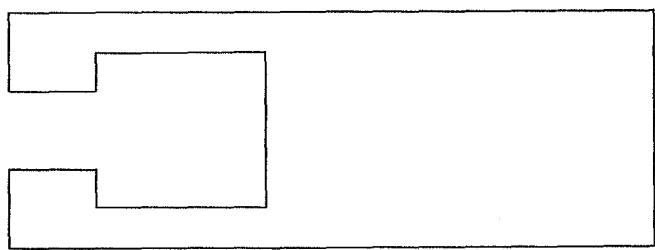


FIG. 75C

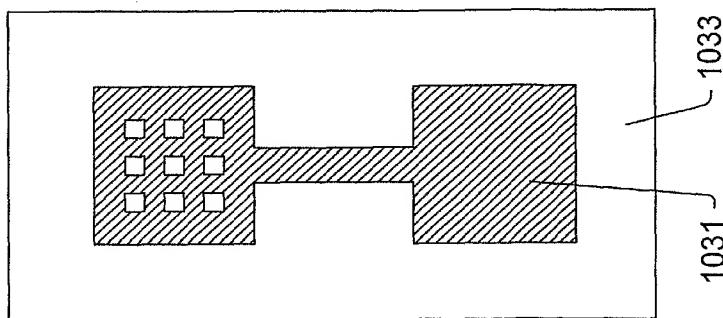


FIG. 75B

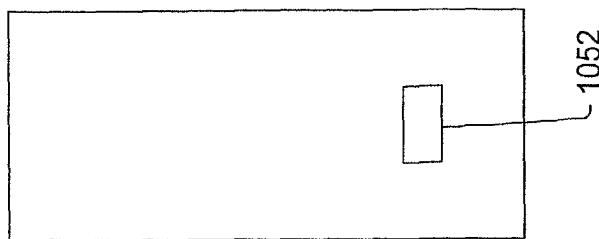


FIG. 75A

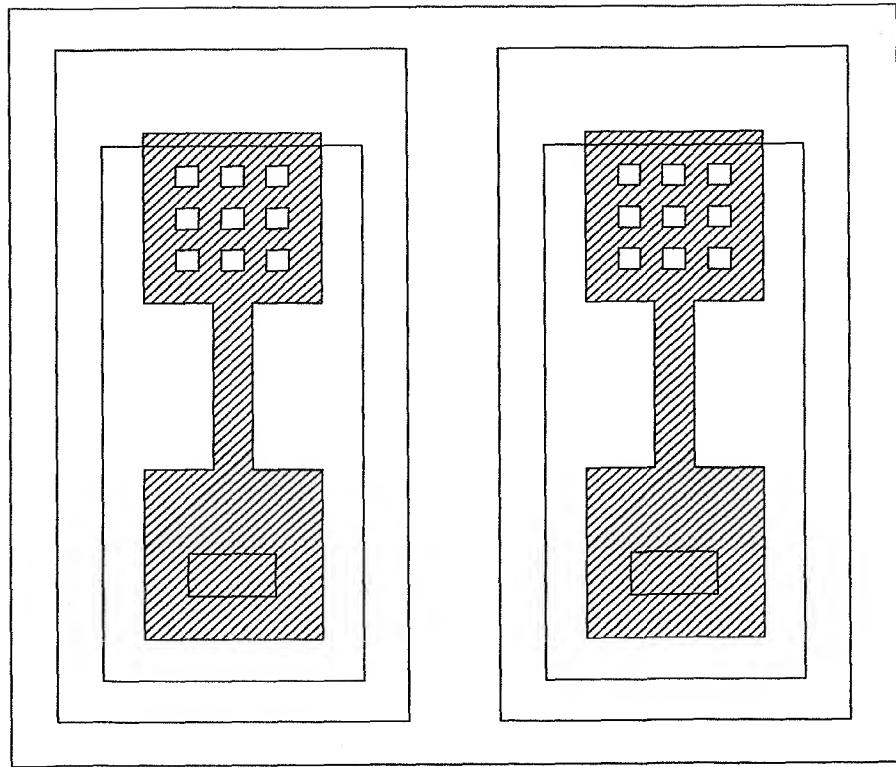


FIG. 76

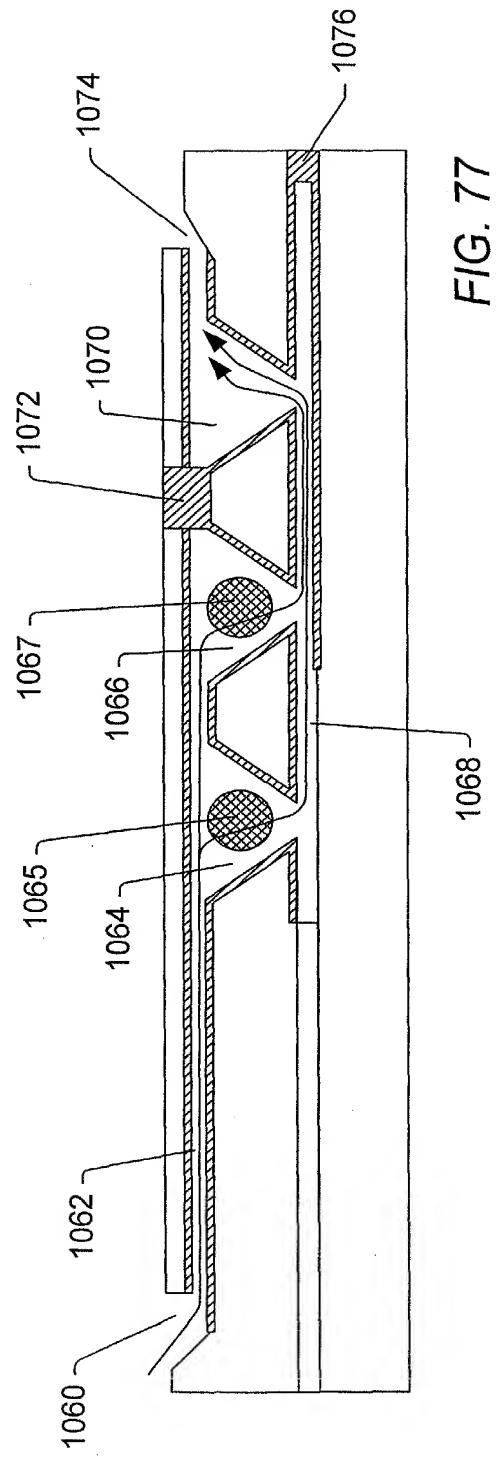


FIG. 77

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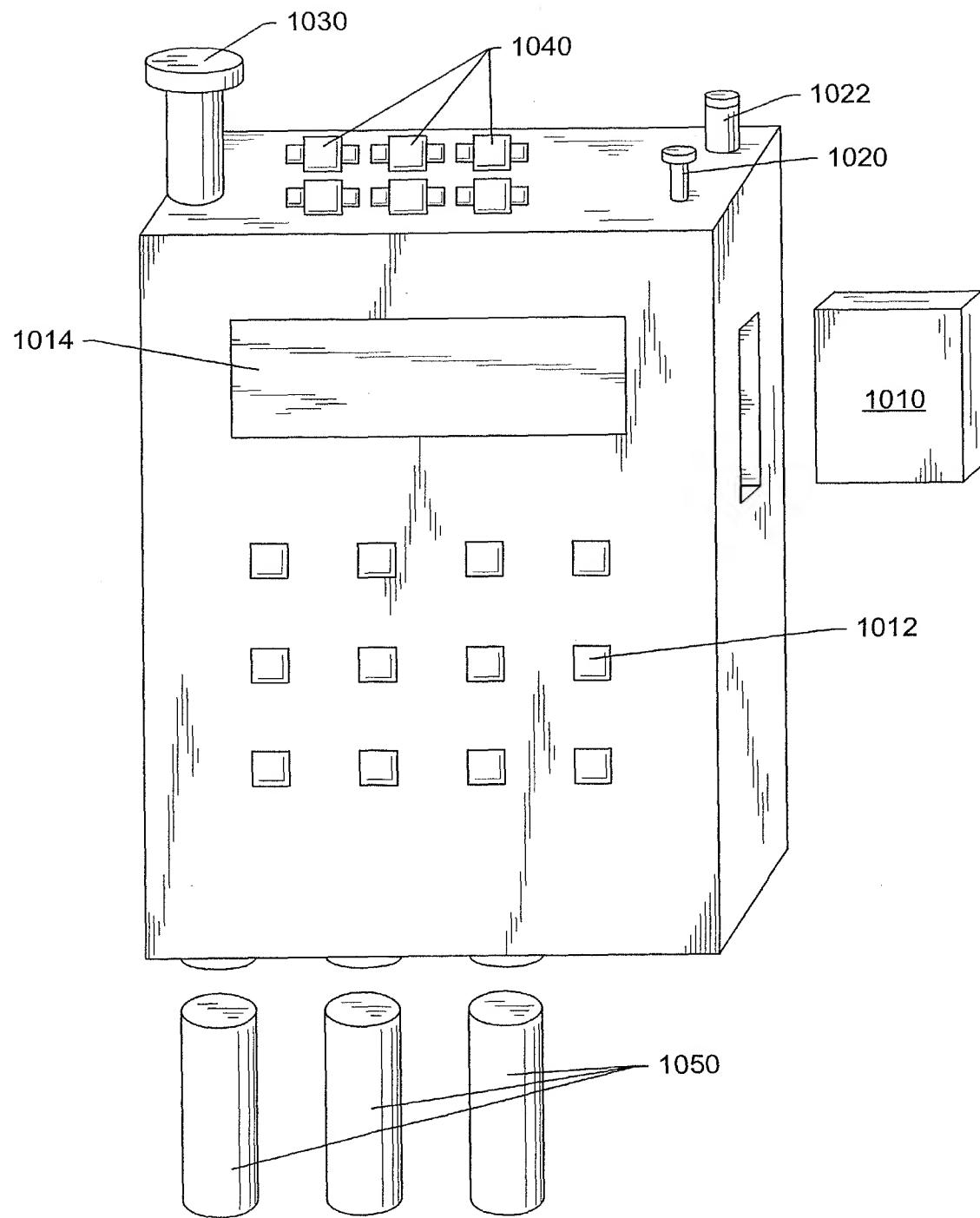


FIG. 78

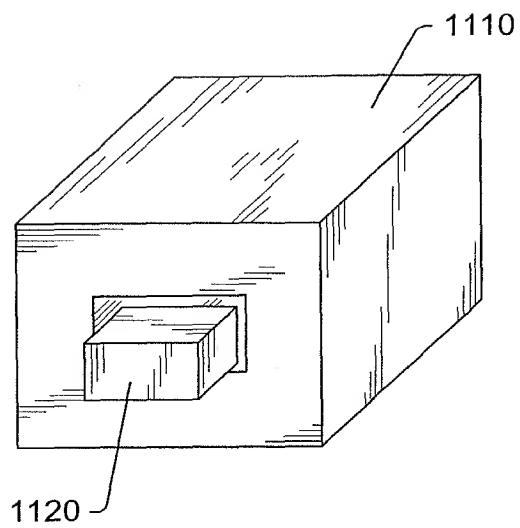


FIG. 79A

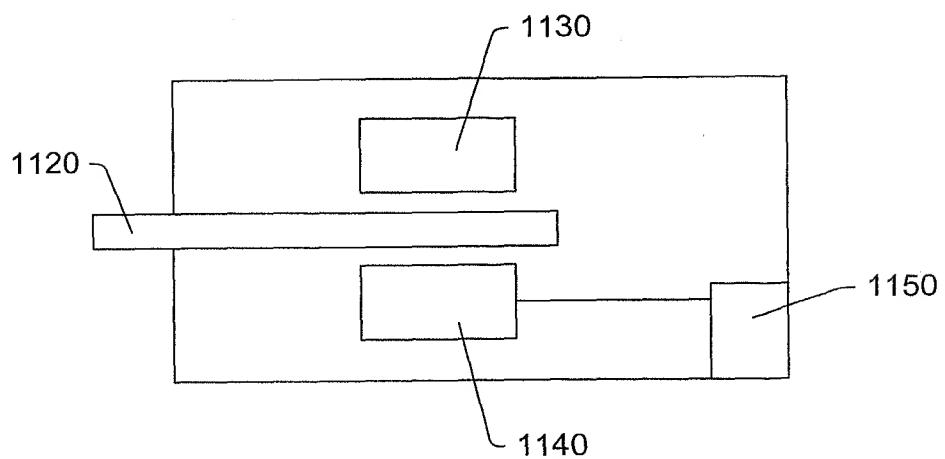


FIG. 79B

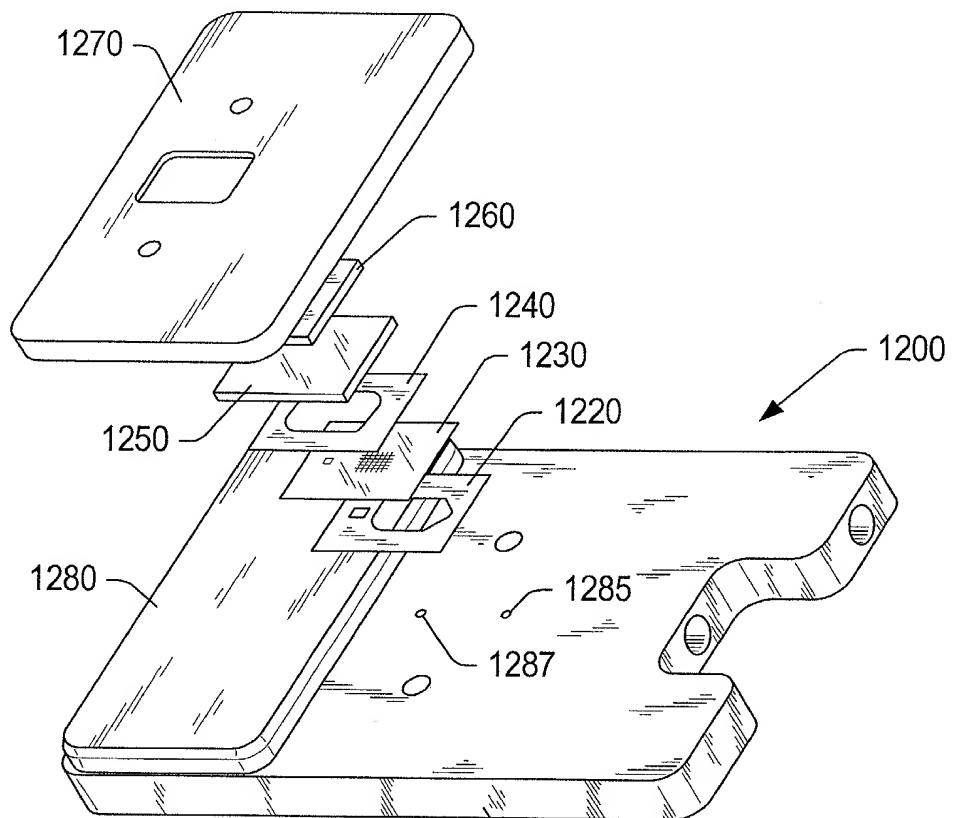


FIG. 80

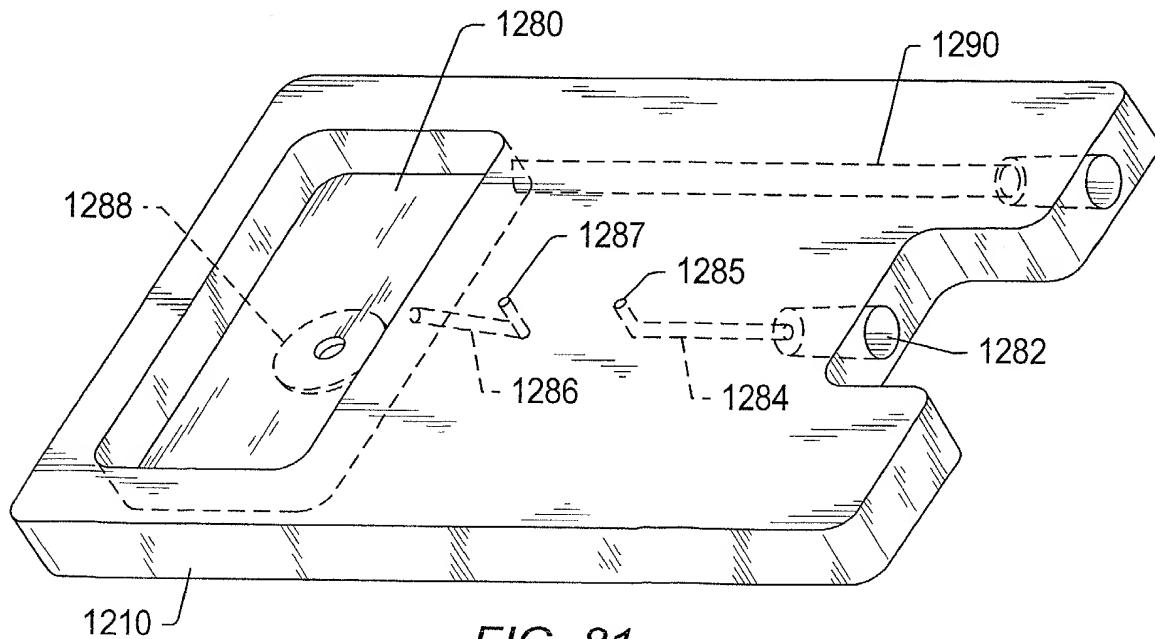


FIG. 81

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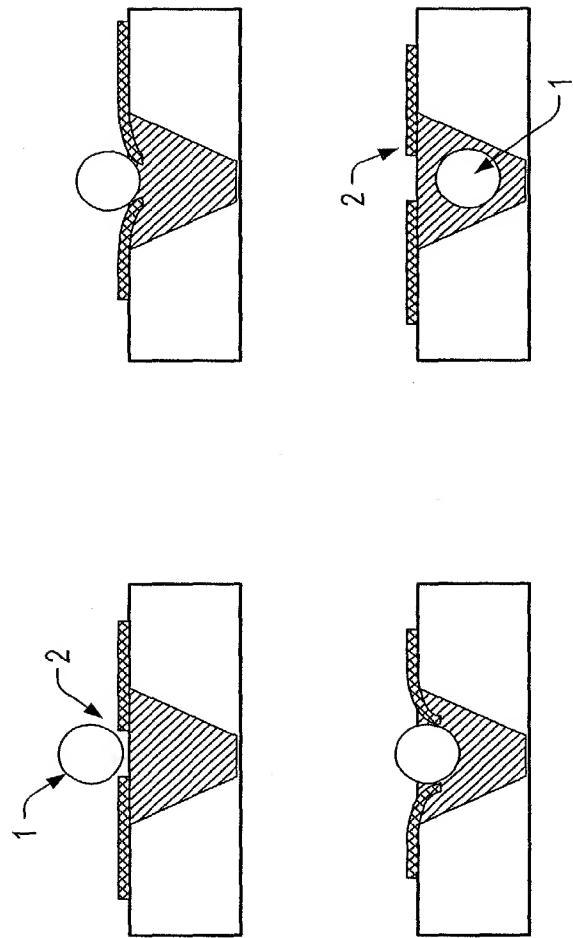


FIG. 82